

ARCHEOLOGICAL INVESTIGATIONS OF THE 1874 CAVALRY BARRACKS,
FORT LARAMIE NATIONAL HISTORIC SITE, WYOMING

by

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ABSTRACT

The Fort Laramie Cavalry Barracks was constructed in 1874 and continuously occupied until the National Park Service began interpretation of its history. A restoration effort required mitigative excavations in the building's interior and along the west side. Over 5,000 artifacts were recovered that physically document the changing uses of the building through time.

Several features were identified that relate to the use of the site since at least the early 1860s. The foundations of a structure predating the barracks were discovered beneath the floor. The probable area where the lime concrete was mixed for the wall construction was identified. The barracks washroom dry sump was excavated, and a late military period or early civilian period trash pit was sampled.

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INTRODUCTION

The 1874 Fort Laramie Cavalry Barracks is one of the best preserved Plains Indian Wars enlisted men's barracks (Figure 1). In 1985, with the culmination of a long planning process, the National Park Service (NPS) began physical restoration of the barracks, to its nineteenth-century appearance. Restoration plans called for the replacement of floors, partition walls, door frames, and window frames, as well as improvement of the drainage around the barracks. Other construction included upgrading utilities and the installation of an underground fuel oil tank. Several of these restoration and adaptive use activities required ground-disturbing impacts.

As a part of the historic preservation compliance process archeological investigations were undertaken in the vicinity of the surface disturbing activities. Three areas were investigated by the crew from the Midwest Archeological Center (MWAC), and one area was monitored by park personnel. MWAC personnel excavated a series of test units along the west side, rear elevation, of the building. This area was to have drainage tile emplaced to funnel runoff away from the barracks foundation. Test units were excavated to determine the presence or absence of cultural features in that area. Cultural features, if identified, were to be excavated to mitigate the effect of construction impacts. Excavation was limited to the construction zone.

The site for the fuel oil tank was tested to determine if construction would effect any cultural deposits or features at that location. This area is located east of the north half of the barracks. The barracks interior was also tested. The original barracks floor was laid with the joists either just above or directly on the native clay surface, which accelerated their deterioration. In order to provide for better air circulation and eliminate subfloor joist contact with the soil, the area between and beneath the joists was to be excavated. The archeological investigations conducted in the barracks interior were designed to minimize impacts to intact subsurface cultural resources caused by interior restoration activities.

The interior archeological investigations focused on the recovery of cultural debris that had collected beneath the barracks floor since its construction in 1874 (Figure 2). A few centimeters of dust and dirt had accumulated beneath the floor in 111 years, along with construction and remodeling debris, and lost personal possessions. The artifacts were collected and recorded in order to ascertain if any artifact depositional pattern was apparent. The room layout and use during the army period is fairly well documented, and the post-army occupation room layout and use is also moderately well documented. Analysis of the artifact deposition pattern was intended to correlate historic room use/function through time with the cultural debris left behind by the various occupants and their associated activities.

Subsurface testing was conducted to determine if other cultural features or occupations were present. Several construction-related features were noted, and pre-barracks and post-army occupation features were identified and recorded. These are assessed and interpreted relative to the analytical goal of defining the depositional pattern.

Interior subsurface testing efforts were primarily limited to the south half of the barracks due to the extensive post-army occupation subfloor disturbance in the barracks' north half. The north half contained several abandoned utilities trenches, and the area below the joists had been excavated by the post-army period occupants. However, this occupation left behind a great deal of trash which was recorded and collected by park staff, and forwarded to MWAC for processing and analysis.

Park staff also monitored the backhoe excavation of the new utilities and sewer lines trenches (Samson 1986). MWAC field investigations were conducted between September 23 and October 7, 1985. The backhoe trench monitoring was conducted from March 20 to 25, 1986. During the restoration effort, another archeological feature was discovered. The senior author returned to Fort Laramie on October 21, 1986, to fully record and further test the feature.

Upon completion of this last activity artifact analysis and reporting was to have commenced. Unfortunately, personnel changes and a lengthy detail by one of the authors forced the report into abeyance until late 1988. Artifact processing and writing then began in earnest and culminated in this report of investigations.

A BRIEF HISTORY OF FORT LARAMIE AND THE CAVALRY BARRACKS

Fort Laramie's history is the subject of numerous articles and books (cf. Hieb 1954, Mattes 1980, Lavender 1983) and need not be repeated in detail here. Broadly, there are three periods of cultural occupation which can be identified historically and archeologically. The first is the Fur Trade Period which began in 1834 with the construction of Fort William and ended with the sale of the second fur trade post (Fort John) to the U.S. Army in 1849. The Army or Military Period extended from 1849 to 1890. In June of 1890, the fort and military reservation were turned over to the Department of the Interior and opened to homesteading. This Farm Period began with the homesteaders and lasted into the 1930s. In 1938 the National Park Service began its administration of the area as an historic site.

The specific history of the Cavalry Barracks is detailed by McDermott and Sheire (1970). They have done an excellent job of placing the construction of the barracks in the historical setting. They have documented the conflicting authorities of line and staff officers regarding the selection of fort sites and the type of construction allowed at a given site. They have clearly shown that bureaucracies are not a twentieth-century phenomenon.

McDermott and Sheire's report places the construction of the Cavalry Barracks within the context of Army policy and practice on the post-Civil War frontier. While the story behind the wrangling among the various hierarchical levels is interesting, it is not specifically relevant to this report. The archeological effort focused on the results of the occupation, not the reason for it. The important historical information for this project is the form and function of the barracks through time.

The Cavalry Barracks is a double set of quarters, designed to house two companies of cavalry. The barracks was constructed in 1874. The walls and footings were a type of poured concrete called limecrete or lime grout. Materials used in the construction of the building are cited in McDermott and Sheire (1970:47-48), and include 40,040 feet of lumber, 165,800 shingles, 15,000 laths, 9,000 feet of flooring, 2,000 bushels of lime, 36 panel doors, 36 window sashes, 36 door locks and knobs, 36 pairs of butt hinges, 4 gross of screws, 400 pounds of 20d nails, 400 pounds of 10d nails, 700 pounds of 4d nails, 300 pounds of 3d finishing nails, 200 pounds of 10d casing nails, 300 pounds of plastering hair, 250 pounds of white lead, 10 gallons of linseed oil, and 100 cubic yards of rock for the foundations. Including labor, the cost of the building came to \$6,111.70. The verandas or porches were not constructed until 1883, and they cost an additional \$1,494.75.

The two sets of quarters are mirror images in their floor plans. They essentially followed the 1872 standard barracks plan. The company squad room with the men's bunks, foot lockers, and closets occupied the second story. The first, or ground floor, contained a day room, kitchen, kitchen pantry, a mess room, a cook's room, the washroom, the first sergeant's quarters, a second NCO room used as an orderly room, an armory, and a library that was in use in 1876 as a saddler's shop. The army used the barracks from September 1874 until the post's closure in 1890.

Joseph and Mary Wilde acquired three buildings, including the Cavalry Barracks, in 1890. They homesteaded a portion of the fort grounds. John Hunton, the last Post Trader, owned or acquired the majority of the fort's buildings and surrounding land. The widow of Thomas Sandercock acquired the building now refurnished as the Captain's Quarters and homesteaded the adjacent area.

The Wildes lived in the barracks until 1917. They remodeled the interior to fit their needs. The barracks' south end became a general store, shoe shop, and saloon. Wilde reportedly dug a cellar that doubled as a drunk tank near the rear door of the bar. Wilde also partitioned the mess room in the north half into an apartment for his family. A portion of the upper story of the north barracks was divided into six sleeping rooms and served as a hotel. The remainder of the northern half upper story was converted to a dance hall.

Around 1900, Joe Wilde refloored the upper floor of the south half, and it became the dance hall. A stairway was constructed near the south end from the veranda to the ground level. The old dance hall in the north end was converted to six more sleeping rooms. About 1910, the store and saloon were closed, but the other facilities continued to operate. In 1917, the Wildes moved to Lingle, Wyoming. Louis Carlson acquired the mortgage for one-half the Wildes' interest in the property in 1917. Carlson lived in the barracks and operated the facilities until 1919, when he sold the property to Paul McDonald. McDonald had acted for a prominent Omaha banker, H.S. Clarke. Clarke retained control of the property until 1924, when it was sold to James Auld to satisfy a debt.

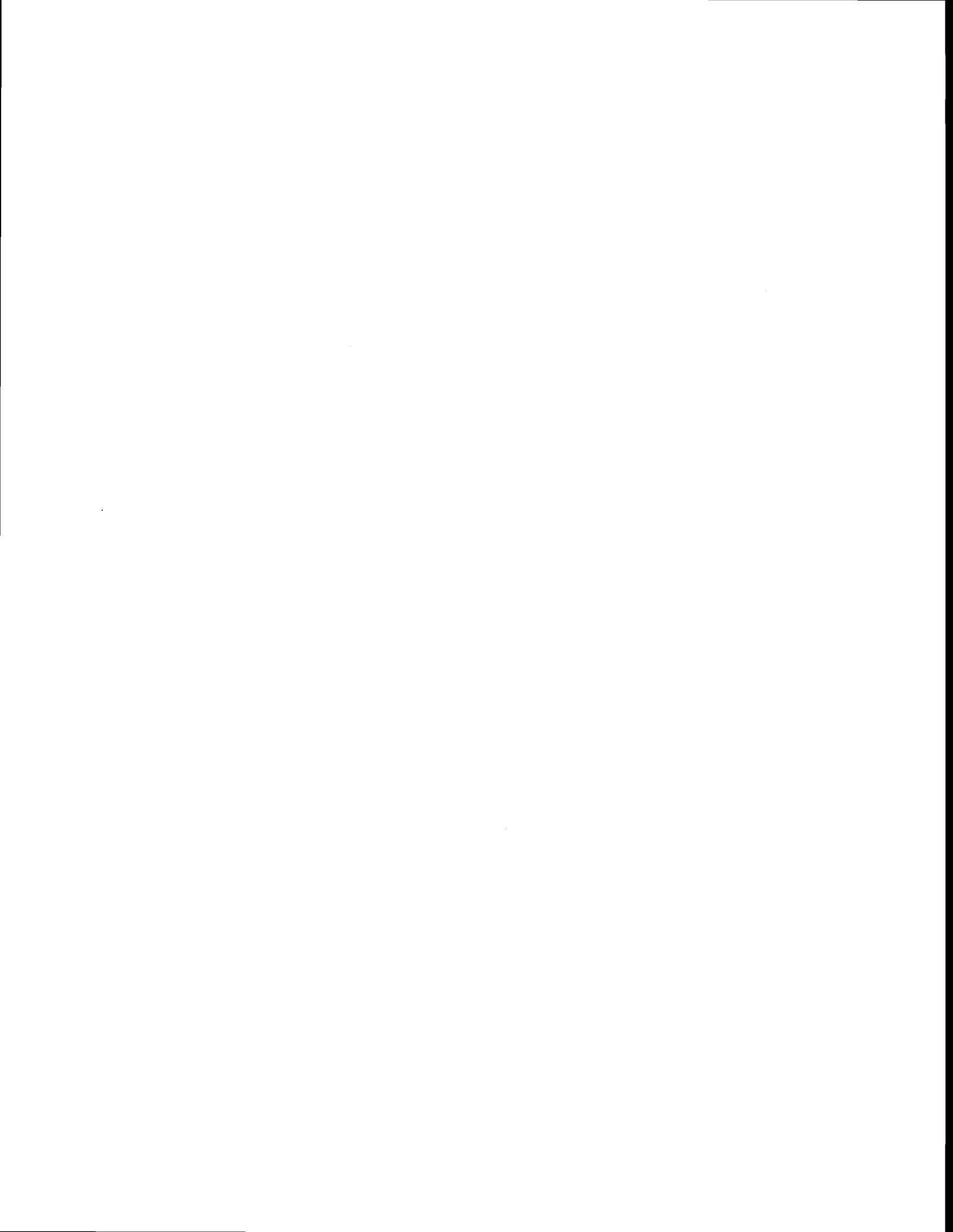
Clarke used the barracks as a summer home, and remodeled the north end of the building. He removed the Wildes' partitions, except for those that defined a bedroom. He also built a fireplace against the front wall in the enlarged room. In the south end of the barracks, Clarke partitioned the general store into living quarters for tenant farmers.

Harry and Tom Latta were the tenants, remaining there even after the sale of the property to Auld. Few changes were apparently made to the structure during this period. In 1933, Auld deeded the property to his wife, Jessica. In 1937, she sold it to the State of Wyoming, and the following year the State donated it to the federal government, and Fort Laramie came under the jurisdiction of the NPS.

The NPS continued to utilize the structure for a variety of purposes. It served as an office, storehouse, and living quarters until the restoration project. Throughout the NPS tenancy, there were some partition changes, window restoration, veranda reconstruction, utilities added, and some emergency repairs made.

These activities, ranging from the military occupation through the Wildes' varied enterprises and the tenant farming, added to the archeological record. The exterior grade of the barracks rose as dirt and cultural debris accumulated. The subfloor interior also saw profound changes in some areas with the excavation of various utility trenches. Artifacts from all periods literally dropped through cracks in the floor and, along with rodent

deposited debris, created a mosaic of the past's activities beneath the barracks floors. Those deposits are the subject of this report.



A SUMMARY OF PREVIOUS INVESTIGATIONS AT FORT LARAMIE

Archeological investigations of Fort Laramie began in the 1930s. These investigations were limited to inventories and data recovery, in association with development and restoration projects. The earliest excavation at the site was conducted by G. Hubert Smith (1939) at the Old Arsenal and the North Infantry Barracks and Officers' Quarters. Smith located architectural features associated with the structures and recovered large quantities of artifactual material. In the following year, J.W. Hendron (1941) excavated Officers' Quarters D (HS 16) and a cellar designated Basement No. 1 of the Sutler's Store (HS 3).

Paul Beaubien continued work at Fort Laramie between 1949 and 1951. He excavated two trash pits (Beaubien 1949) located under the Old Bakery (HS 11) that yielded substantial numbers of artifacts. Beaubien (1951a) excavated two other Sutler's Store cellars designated as Basements No. 2 and 3, and limited excavations at the sites of Fort John and the Old Cemetery. The Old Cemetery excavations were conducted to determine if Paleo-Indian materials might be found in-situ there, as a Folsom type projectile point had been found in that vicinity. Beaubien found no aboriginal materials, but did locate and excavate several graves containing human skeletal remains. The remains were photographed in place and reburied. During leveling activities west of the Sutler's Store in 1951, nineteenth-century cultural debris was located and Beaubien (1951b) returned to Fort Laramie to conduct salvage excavations. At this same time land-leveling activities were taking place in the vicinity of Fort William, and he also monitored this activity. Over a dozen prehistoric, stone-filled hearths were uncovered during the scraping work. Only a trip report was written on this activity.

Charles McNutt (1958) conducted the next archeological investigations at the site of Old Bedlam (HS 2), which was planned for restoration at the time. In 1963, Wilfred Husted (1963) conducted testing at the site of the proposed visitor center on the right bank of the Laramie River opposite the fort. Structural remains and cultural debris associated with the Ward and Guerrier Trading Post were identified. In addition to the historic features, a firepit of probable prehistoric age was also excavated.

Husted and Jackson W. Moore Jr. (1970) returned in 1969 and tested the proposed road alignments, utilities, maintenance, and residential sites in the visitor center development area. Scattered artifactual debris was noted in the excavations. The next investigation focused on the drainage right-of-way that traverses the northern portion of Fort Laramie. The drainage crossed the site of the Rustic Hotel and a mitigative effort was undertaken the next year. John Ehrenhard (1973a) conducted the excavations at the Rustic Hotel, which resulted in a model excavation report for a historic site.

Adrienne Anderson (1973) conducted test excavations in the proposed entrance road right-of-way, but no cultural remains were located. In the same year, Ehrenhard (1973b) with Raymond Mundell inspected the soil beneath the floor boards of the 1874 Cavalry Barracks for subsurface remains and attempted to locate external privy pits. This study will be discussed further below.

Three years later, Craig Cellar (1976) relocated the previous excavations at the site of the Ward and Guerrier Trading Post and identified other architectural features (Sudderth and Raish 1990). A magnetic survey of the trading post site was conducted by Weymouth (1976) that same year. The remote sensing effort relocated a trash pit excavated earlier by Husted, and detected the presence of a wall and several structures. In 1978, Cellar and Mark Stiger (Cellar 1978) tested the south end of the 1874 Cavalry Barracks to determine the dimensions of a shed once attached at that location. Some evidence was found, and some dimensions determined.

In 1984, the spring rise in the river was very high and caused significant erosion along the river bank. The erosion exposed several archeological features and numerous artifacts. Before the bank was riprapped to protect it from further erosion, Douglas Scott and Melissa Connor (1984) recorded and mapped the archeological features and associated materials. W. E. Sudderth (1985) next monitored the installation of underground electrical service to several buildings in 1985. A late trash disposal area was noted and scattered trash was found along the line. Since the 1874 Cavalry Barracks excavation in 1985, Scott (1987) conducted an archeological inventory of the site of the new parking lot. No cultural resources were located. During the fall of 1988, Steven DeVore monitored the remote sensing efforts of Clark Davenport to identify subsurface features in and around the fort. DeVore (1988) also inventoried the location of a proposed quarry site. No cultural resources were located. In 1989, Scott (1989) monitored drainage trench excavation around the Burt House. Several features, including the historic waterline trench, were identified, as well as areas of sheet trash accumulation. Scott (1990) also monitored the excavation of new water line trenches between the 1874 Cavalry Barracks, the Commissary, and the riverbank. Several post-military occupation features were identified, and at the riverbank the trench disturbed a segment of a late military era trash dump.

Over the last 50 years Fort Laramie has been the subject of at least 21 separate archeological investigations. Several of these were simple inventories that yielded no cultural debris. However, the majority of the studies did record artifacts or evidence of structures related to the occupation of the fort. Limited evidence points to at least one prehistoric occupation of the area occupied by the fort, but to date this evidence is very ephemeral. The fur trade era is well documented in the historical sources, but there has been very little archeological evidence discovered which relates to this important era. The military period is well represented in the archeological record, but no definitive synthesis has been assembled to pull the diverse reports together and collate or correlate the information contained in them. There is no doubt that Fort Laramie has a rich archeological record that extends at least from the fur trade occupation to farm and ranching activities.

DESCRIPTIONS OF EXCAVATIONS

Prior to this 1874 Cavalry Barracks study the building was the site of two earlier, very brief archeological studies. One study consisted of two test trenches that were excavated on the south end of the barracks in an attempt to locate evidence of a shed that had once been attached at that location (Cellar 1978). Physical evidence of the shed existed in the form of a painted area on the barracks' south end. This painted area extended for a lineal distance of 24 feet and a vertical distance of 8 1/2 feet. Historic photographic evidence suggested the shed extended to the south approximately 6 feet. The southeast corner of the shed area had been disturbed by the digging of a well and the installation of a pumphouse.

Two excavation units dug by Cellar and Stiger located other disturbances relating to the installation of telephone and electrical lines and a lightening rod. They did locate a probable corner post of the shed 6 feet south of the barracks wall. The subsurface disturbances were too great to locate any additional evidence for the shed.

In 1973, John Ehrenhard (1973b) and Ray Mundell accompanied historic architect Frank Gerner to Fort Laramie to inspect selected subfloor sections of the Cavalry Barracks. Two sections of floorboards were removed, one in the army period Day Room, and one in the Library. They excavated the area between the joists in each area and observed the artifacts found in the excavations. The Day Room materials appeared to consist of post-military occupation debris. According to the trip report (Ehrenhard 1973b) the Day Room flooring was not original, and the subfloor area appeared to have been cleaned out some time in the past.

The Library floor did appear original, but the subfloor excavation located artifacts from all periods of occupation. In the artifact tally are listed 26 pieces of leather trimmings. According to Ehrenhard (1973b:2), E.D. Warthen, a long-time resident of Fort Laramie, informed them that the Library had been used as a leather shop during the army occupation of the building.

Ehrenhard also conducted limited testing to the west of the barracks in an attempt to locate the latrine pits. He reported (1973b:3-5) that at least 13 small depressions were identified to the west of the building. These small pits, located between 40 and 60 feet west of the building, were interpreted to be post-army occupation privies. Two large depressions and a possible third were observed between 80 and 90 feet west of the building, and these were interpreted to be the remains of the army-era latrines.

The 1985 study resulted in thirty-six units excavated in the impact area (Figure 3). The units, each labeled TU, were excavated both in the interior of the Cavalry Barracks and along the exterior of the west side. Twenty-six units were excavated in the building's interior; these were labeled numerically 1 to 26. The ten units excavated along the west side exterior were labeled A through J to distinguish them from the interior units. The

building's southwest interior corner served as a datum point for locating the interior test units, and the northwest exterior corner served as datum for the exterior units.

Prior to excavating the test units, a surface collection was made of the south half of the barracks. The ground surface beneath the area of the flooring was a loose, dry, and dusty soil. This loose fill varied from 3 cm to 10 cm in thickness and contained most of the artifacts. Three areas of artifact concentration were noted during the surface collecting efforts. The concentrations may relate to differing activity areas, and generally post-date the structure's military occupation. The first artifact concentration was located 23 to 25 meters north and 0.5 to 3.5 meters east of the interior datum, the southwest interior corner. This concentration consisted, among other artifacts, of numerous cork and crown bottle finishes, a clear glass whiskey bottle with an applied finish, and a Prince Albert tobacco can. The area correlated with a portion of the circa 1890-1920 saloon.

The second artifact concentration was encountered at 31 meters north and 0.0 to 3.5 meters east of interior datum. This area yielded numerous scraps of leather, and fragments of finished leather products. The location correlates with the military saddler's room of the 1874-1890 occupation, and a card room during the civilian occupation of the structure, 1890-1919. Some of the items appear to be harness and tack. Some may meet military specifications, although most of the material is scrap leather. A few pieces appear to be non-military harness. This concentration appears to represent a mixture of military and non-military items spanning all periods of occupation.

The third concentration contained a large quantity of bone (domestic cow, pig, and chicken). It was located between 36 and 40 meters north and 4 to 7 meters east of the interior datum. This area correlates with the non-commissioned officers' quarters during the military occupation, and the civilian use of the area as a store room. Numerous other military and non-military artifacts were collected from the surface of the barracks' south half prior to initiating the test unit excavations. However, no other significant concentrations of material were observed. Nails were a ubiquitous item throughout the fill. The nails represented were both cut and wire, in many different sizes. They can be obviously correlated with the various construction, remodeling, and repair episodes of the building's history.

Each test unit was hand excavated using shovels, trowels, or other appropriate hand tools. Excavation fill was screened through a 1/4 inch mesh hardware cloth shaker screen. Artifactual material recovered in-situ or in the screening process was collected in paper sacks labeled with the necessary provenience information relevant to the excavation unit. Appropriate records were kept, as required in the Midwest Archeological Center Field Handbook.

TU-1

TU-1 is located between 3 to 4 meters north and 2 to 3 meters east of the datum (Figure 3). The unit's fill was composed of 2 to 5 cm of a loose gray-brown dirt overlying a sterile, compact gray-brown clay that contains abundant calcium carbonate. This lower level appears to be a soil developed prior to the construction of the building. The majority of artifacts recovered were cut nails, nail fragments, and window glass.

TU-2

Unit 2 is located between 5 to 6 meters north and 6 to 7 meters east of the datum. The fill of the unit consisted of 3-5 cm of loose gray-brown soil followed by 3-10 cm of a darker brown, more compact soil. Underlying this was the gray-brown sterile clay. Artifacts recovered in the upper layer included brick, mortar, nail fragments, cartridges, wood, bone, and bottle and window glass. No artifacts were found below the loose soil.

TU-3

This unit is located between 10 to 11 meters north and 2 to 3 meters east of the datum. It was excavated to a depth of 10 cm. The upper 4 cm contained the recovered artifactual material. This level was a loose gray-brown fill. Level 1 (0-5 cm) was littered with rotten wood fragments, rodent bones, cut nails, window glass, bottle glass, leather fragments, and mortar. Some rodent activity was identified in the upper 5 cm of Level 2, the sterile gray-brown clay.

TU-4

TU-4 is located between 17 to 18 meters north and 2 to 3 meters east of the datum. Again two levels were encountered in this 10-cm-deep excavation. Level 1 is 4 cm thick and composed of the loose gray-brown fill. Level 2 is the sterile clay. Some rodent activity was noticed in the upper portion of the sterile level. Artifactual material was confined to the upper 4 cm and consisted of ferrous metal, a cardboard box, match sticks, leather, mirror glass, cut nails, wire nails, coal, pressed glass, wallpaper, a peanut shell, dowels, a camp boiler lid, and a brick.

TU-5

Unit 5 is located between 19 to 20 meters north and 1 to 2 meters east of the datum. Level 1, from 0 to 3 cm, consisted of the loose gray-brown soil and contained all the artifactual material. Level 2, from 3 cm to the base of the 10 cm excavation depth, is the

sterile clay. Artifacts recovered included a bottle base, cartridge primers, a lamp wick plate, bottle cap, a match stick, wire, mirror glass, cardboard, window glass, ceramics, bone, clinker, a seed, a peanut shell, cut nails, wire nails, eggshell, a leather glove fragment, woodscrews, and a retouched lithic flake.

TU-6

Unit 6 is located between 22 to 23 meters north and 0 to 1 meter east of the datum. Two levels were encountered in this 20-cm-deep excavation. Level 2 is the sterile layer found at a depth of 10 cm below present ground surface. Level 1 contained the artifactual material recovered. This consisted of bottle glass, window glass, wire nails, cut nails, bullets, and a button.

TU-7

Unit 7 is located between 27 to 28 meters north and 0 to 1 meter east of the datum. The unit was excavated to a depth of 10 cm below present ground surface. Level 1 was 3 cm thick and consisted of the loose gray-brown soil. All artifacts were found in this level. At the 3-cm level the limecrete barracks wall foundation was located. It extended 25 cm east beyond the wall proper. From the east edge of the foundation at 25 cm to 50 cm east, is a dark brown stain with remnants of an approximately 10-cm-wide board that runs the length of the stained area near its center. The dark brown stained area was excavated and found to be a portion of a trench that extends an unknown distance north and south of the unit. The trench contained a dark brown fill to a depth of 17 cm below present ground surface where sterile soil was encountered. It probably represents the barracks foundation construction trench.

Artifacts found in Level 1 included lamp chimney glass, a washer, window glass, bottle glass, mortar, tar paper, leather, a bone button, eggshell, wire nails, ceramics, a shotshell, a bottle cap, and coal. A cut nail and a piece of lamp chimney glass were found on the surface of the construction trench.

TU-8

TU-8 is located between 23 to 24 meters north and 4 to 5 meters east of the datum. Two levels were encountered in this unit. Level 1 consisted of the loose gray-brown soil to a depth of 10 cm. Level 2, the sterile clay, was excavated to a depth of 20 cm. Artifacts consisting of paper, wallpaper, matchsticks, wire nails, bone, a seed, a tile, and a glass stopper were found exclusively in Level 1. Level 2 retained evidence of some rodent activity.

TU-9

Unit 9 is located between 31 to 32 meters north and 5 to 6 meters east of the datum. The unit was excavated to a depth of 75 cm below present ground surface, and soil samples were collected from all levels. Level 1 was again defined as the loosely compacted soil and artifact-bearing layer. It was 2 to 5 cm thick. Below this level was a layer of whitish gray indurated but friable soil that was 2 to 15 cm thick. This area was designated Feature 2 (see Feature 2 discussion for a full interpretation). Below the feature, sterile soil was encountered.

Below the 20 cm level, the indurated sterile soil continued to the bottom of the excavation. There were slight variations in shade and tone to the soil that can be termed bands. They do appear to be discrete soil changes or levels. The soils in all these levels appear to be a natural loess. The layers probably represent episodes of deflation and eolian resorting of non-cultural soil deposits.

Artifacts were located in Level 1 and consisted of a fragment of a stemmed goblet, cut nails, and window glass. A poorly preserved barrel hoop was found sitting on the surface of Feature 2, and the butt of a fence post was located on the northwest edge of the feature. The post extended to the base of the feature, or about 15 cm. The barrel hoop was 32 cm (approximately 12.8 inches) in diameter, which is about the size of a small keg, like those used for nails.

TU-10

Unit 10 is located between 23 to 24 meters north and 2 to 3 meters east. This unit was typical of most of the others. Level 1 contained all the artifactual material in its 3 cm of loose gray-brown soil. The sterile clay encountered at 3 cm extended to the base of the 10-cm-deep excavation. Artifacts included tokens, bone, window glass, bottle glass, a staple, a peanut shell, eggshell, bottle caps, floor tile, a match stick, tarpaper, a shoe sole fragment, wire nails, and cut nails.

TU-11

This unit located between 23 to 24 meters north and 1 to 2 meters east, is adjacent to TU-10. The same soil and artifact deposition was observed in the excavation of this unit as that of TU-10. Similar artifact types and categories were recovered as were found in the previous unit.

TU-12

Unit 12, located between 31 to 32 meters north and 1 to 2 meters east, is near the north wall of the south half of the barracks and on its mid-line. It also falls into Feature 2 in its southeast corner. Level 1 was similar of TU-10. The loose gray-brown soil extended to a depth of 3 cm and contained the artifacts. The sterile clay was found below the 3 cm level. Artifacts in Level 1 consisted of leather fragments, a .22- caliber cartridge, window glass, wire nails, and cut nails.

TU-13

This unit is located between 36 to 37 meters north and 4 to 5 meters east of the datum. Level 1 consisted of 3 cm of the loose gray-brown soil. Then Feature 2 was encountered (see the description of Feature 2 for more information).

TU-14

Unit 14 is located adjacent to TU-9 and is between 31 to 32 meters north and 6 to 7 meters east. Level 1 was 3 cm deep and consisted of the loose gray-brown artifact-bearing layer. Feature 2 was encountered at the 3 cm level. Artifacts found included cut nails and bone with evidence of butchering.

TU-15

This unit is located between 34 to 35 meters north and 1 to 2 meters east. Level 1, the artifact-bearing layer, was 3 cm thick and consisted of the loose gray-brown soil. Below Level 1 the sterile soil was encountered, except in the northern part of the unit. A rodent burrow ran diagonally from 30 cm south of the northwest corner into the northeast corner. North of the burrow, a fine brown sandy soil containing charcoal flecks was noted. This layer disappeared at the 10 cm level and the base of the excavation. This soil deposition is probably a remnant of the construction trench of Feature 4 (see Feature 4 discussion for more information).

TU-16

Unit 16 is located between 36 to 37 meters north and 6 to 6.5 meters east of the datum. It is in the area of Feature 2. The first 3 cm consisted of the loose gray-brown soil and contained mortar and bottle glass fragments. A possible post mold was noted in the northeast corner. It was 12 cm in diameter and continued to a depth of 20 cm. Its center is located 12 cm west and 10 centimeters south of the unit's northeast corner.

Feature 2 was encountered at the 3 cm level and continued to a depth of 20 cm (see Feature 2 description for more information). At the 20-cm contact a piece of limecrete was encountered. Below the 20-cm level and continuing to 70 cm was the sterile clay. Composition and banding occurred as was noted for TU-9. These layers were naturally deposited.

TU-17

This unit is separated by the wall that divides the north and south portions of the barracks. It is located between 42 to 43 meters north and 3 to 4 meters east. The loose gray-brown soil containing the artifacts continued to a depth of 10 cm in this unit. Below that is a indurated gray-white soil that appears to be the native soil mixed with mortar and limecrete. These levels occurred on both sides of the barracks dividing wall. Artifacts recovered include bone, a corncob, foil, a bullet, and a wire nail.

TU-18

The unit is located in the north half of the barracks between 47 to 48 meters north and 6 to 7 meters east. The fill of this unit is similar to that of TU-17, with the exception of a trench which was dug through the middle of the unit at some time in the past. The trench was located just below the 3-cm fill of loose gray-brown soil. It runs east to west, essentially through the middle of the unit. It is irregularly shaped, but is approximately 35 cm wide at the west end. Here it continued to a depth of 26 cm below present ground surface. At approximately 50 cm from the west wall the trench widens to about 40 cm and extends down to 60 cm below present ground surface. The trench continues until it intersects and damages the barracks' east wall foundation. The foundation is partially breached to the line of the wall proper. This is a post-barracks excavation and may be the remnants of a utility trench of unidentified function.

Artifacts found in Level 1 and the trench fill suggest it is twentieth century in origin. The artifacts include paper, cut nails, bottle glass, match sticks, charcoal, a cardboard star, bone, leather, wire nails, and tile.

No further excavations were conducted in the north half of the barracks, because extensive previous disturbance had significantly altered the stratigraphic deposition of artifactual materials. Park personnel recorded and collected the scattered artifacts in the north half of the barracks after the MWAC crew completed their investigations.

TU-19 through TU-26

These units were excavated in the south half of the barracks to define the limits of Feature 4. The excavation and description of the associated structural foundation found is described in the section on Feature 4.

TU-A

Unit A is located at 82 to 83 meters south and 0 to 1 meter west of the exterior datum, the barracks' northwest corner. This unit was excavated to a depth of one meter. An abandoned gas line was located at 5 cm below present ground surface and 50 cm north of the building's southwest corner. The gas line breached the wall of the barracks at that point. The top of the building's foundation was also encountered at the 20 cm level.

Between 20-30 cm the building's drip line was encountered. The line is a shallow trough 20 cm wide, filled with brown sandy loam and gravel. It was found 46 cm west of the barracks wall. An abandoned telephone cable was located at the 50-cm depth at 80 cm west of the barracks wall. The base of the limecrete building foundation was also located at 50 cm below present ground surface.

The excavation's fill indicated a modern humic or sod buildup from the ground surface to 10 cm below surface, followed by a brown sandy loam mixed with about 10 percent gravels from 10 to 20 cm. From 20-30 cm the gravel content increased to 15-20 percent. This level contained the dripline and probably represents the historic army occupation surface. The soils changed somewhat from 30-50 cm. The brown sandy loam remained in the east half of the unit, but the west half contained the culturally sterile gray-brown clay found in the interior excavations. Between 50-60 cm the sterile clay ended and a slightly compacted, light colored sterile sand was noted. This sand continued to the base of the excavation at one meter.

Artifacts were found from the surface to 50 cm. They appear to represent all periods of occupation and are generally mixed, broken, and discarded domestic and building debris.

TU-B

This unit is located between 74 to 75 meters south and 0 to 1 meter west of the exterior datum. This unit was also excavated to a depth of one meter. The first 10 cm contained a brown sandy loam and sod mixed with about 15-20 percent gravels. This soil continued to a depth of 20 cm where a yellow-brown sand was noted, as was the dripline. The dripline was located 40 cm west of the barracks wall and varied in width from 30 to 40 cm north to south. Near the south wall of the unit the dripline expanded and deepened

slightly. This may represent an area of higher run-off from the roof, perhaps the location where run-off was deliberately channeled. It may also be nothing more than a low spot where water naturally accumulated and settled. The 20-30 cm level probably also represents the historic occupation surface. Artifact density was highest in this level up to the present ground surface.

Artifact density diminished drastically below the 30-cm level. The building's foundation was found at 30 cm, but was only 4 cm thick at this location. From 30-40 cm the brown sandy loam graded into the sterile clay. Below 40 cm no artifacts were encountered and at 50 cm the sterile sand was noted.

TU-C

Unit C is located between 62 to 63 meters south and 0 to 1 meter west of the exterior datum. The unit is also located immediately south of the west doorway, between the messroom and washroom. The surface of the 10-cm level contained a large quantity of artifacts in a mixed brown sandy loam, mottled with a yellow-brown loess. The 10-20 cm level continued the brown sandy loam and a high density of artifacts. In the 20-30 cm level the brown sandy loam changed to a gray clay loam with about 30 percent gravel inclusions. This may represent the historic occupation surface. A dripline was not encountered, nor was it expected near a doorway used as a traffic way. The limecrete foundation was encountered at 30 cm below present ground surface. The foundation continues to be 10 cm wider than the wall, although it has been damaged along the northern 40 cm. The damage appears to be the result of previous excavation in the area. Artifacts disappeared by the 40 cm depth, where a light brown sandy loam was found.

TU-D

Unit D is located between 37 to 38 meters south and 2 to 3 meters west of the exterior datum. From the surface to 50 cm the brown sandy loam was noted. Artifacts were dense to the 50 cm level, where sterile clay was encountered on the north side of the unit. Construction debris in the form of wood and mortar were noted throughout the first 50 cm of fill. A construction trench was clearly defined on the south side of the unit at the 50 cm depth. The trench, consisting of a 55-cm-wide area at the 50 cm depth, sloped down to a 50-cm-wide trench at 72 cm where sterile sand was encountered. The trench had a relatively flat bottom and was filled with a gray sand, followed in order by a brown compact sand, a lens of gray sand, and a dark gray sandy loam. The south side of the trench extended beyond the excavation limits. An open trench of corresponding depth and location was noted on the interior of the north half of the barracks. No definite function can be assigned to the trench, but it appears to postdate the army occupation of the site. It probably functioned as an early twentieth-century utilities trench.

TU-E

This unit is located between 31 to 32 meters south and 6 to 7 meters west of the exterior datum at the site of a proposed underground oil tank. The unit was excavated to a depth of 50 cm. The area was disturbed by a variety of intrusive activities. Artifacts were sparse and completely disappeared at the 40 cm level. A section of a modern shallow basin hearth (apparently used for living history demonstrations) was found in the northwest corner of the excavation at the 10 cm level. The unit's fill consisted of the dark brown sandy loam to a depth of 20 cm followed by a 4-cm-thick layer of ash from the hearth and a fire-oxidized sand under the hearth itself for a depth of 4 cm. The sterile clay occurred at 20 cm on the south side of the unit, with the sterile sand underlying the clay.

TU-F

Unit F was placed at the northwest corner of the barracks between 0 to 1 meter south and 0 to 1 meter west. The brown sandy loam was present from the surface to a depth of about 40 cm. This soil was mixed with 10-20 percent small gravels and contained artifacts in sparse quantities. At the 40 cm level the sterile clay was encountered throughout most of the unit. The northeastern quarter continued to expose the gravel-mixed loam. This area continued to yield artifacts. This cultural level continued to a depth of 80.4 cm, where it disappeared. It appears to be a portion of the construction excavations dug during the pouring of the limecrete foundations. The foundation was encountered at a depth of 6 cm and ended at a depth of 50 cm.

TU-G

Unit G is located between 54 to 55 meters south and 0 to 1 meter west of the exterior datum. The unit's fill was similar to previous excavation units. The sterile clay was encountered at about 40 cm, except in the southwest corner where Feature 3 was defined (see the Feature 3 description for further information). The dripline was encountered at 20 cm below ground surface and duplicates the previously described excavations. The foundation was encountered at 25 cm below present ground surface. The foundation base was not located, as the excavation did not proceed below 40 cm in the west half of the unit.

TU-H

Unit H is located between 18 to 19 meters south and 0 to 1 meters west of the exterior datum. The artifact-bearing level continued from the surface to a depth of 40 cm where the sterile clay was encountered. The brown sandy loam contained about 20 percent small gravel to a depth of 30 cm, where the artifact density decreased substantially. The 20 to 30 cm level probably represents the historic occupation surface.

TU-I

Unit I is located 58 to 59 meters south and 0 to 2 meters west of the exterior datum. The unit was placed here to ascertain if any elements of Feature 4 extended beyond the barracks' west wall. The fill was similar to other excavations. At 45 cm two small sandstone rocks were noted 25 cm from the west wall. The rocks were displaced from their original context and the relationship to Feature 4 cannot be determined. A modern utility trench was located 1.5 meters west of the wall at a depth of 45 cm. Excavation was stopped at this level.

TU-J

Unit J was also excavated to determine if any elements of Feature 4 extended beyond the barracks wall in this area. The unit is located between 69 to 70 meters south and 0.5 to 1 meter west of the exterior datum. The north half of the unit was excavated to a depth of 45 cm below present ground surface. The south half was excavated to a depth of 60 cm. No indication of any structural elements was located. Fill was similar to that found in the other excavation units.

Feature 1

Feature 1 (Figures 4 and 5) is located between 27.4 to 28.7 meters north and 1.9 to 3.4 meters east of the interior datum. The feature was defined as a roughly oval depression measuring 1.3 meters north to south and 1.5 meters east to west. Initial excavation indicated the feature extended to at least 20 cmbs. The excavation area was cleaned to a depth of 25 cm to create a working surface and to define the depression. The first 25 cm was a very loose, light brown soil mixed with decayed wood. Artifacts included prophylactic boxes, match sticks, window glass, bottle glass, wire, eggshell, peanut shells, brick, ceramics, bullets, tile, and tin can ends.

The 25 to 45 cm level was also a light brown soil mixed with decayed wood. Artifacts included ferrous metal fragments, a leather bag, bottles, window glass, bottle glass, bone, match sticks, eggshells, and wire and cut nails. The 45 to 70 cm level contained the same soil type, although it was much more moist. At 27 cm a lime deposit was noted in the southeast corner. By 65 cm it covered most of the southeast quarter of the excavation. Artifacts included prophylactic boxes, eggshell, bottle glass, window glass, lamp chimney glass, leather, bone, peanut shell, wire, wire nails, cut nails, lead foil, a button, plastic, a padlock, a door lock, and a handle. At 70 cm the fill changed slightly. The brown soil became more organic in texture and more loamy in feel. There was a discernable change in artifact quantity and type from twentieth-century to late nineteenth-century styles.

The level of organic brown loam from 70 to 85 cm contained leather, shoe fragments, window glass, cut nails, military buttons, a bottle, mortar, a bottle cap, bone, and kaolin pipe fragments. The 85 to 105 cm level contained a more sandy, but distinctly organically rich soil. At 90 cm horizontally placed wooden boards were noted (Figures 4 and 5). The wood defined a rectangular pit approximately 110 cm long east to west and 90 cm wide north to south. Further excavation was limited to the area defined by the boards. Artifacts in the 85 to 105 cm level included mortar, cut nails, leather, window glass, bottle glass, felt, military buttons, bone, glass buttons, cartridge cases, gourd seeds, and lamp chimney glass. The 105 to 125 cm level contained similar fill, although it was less moist than the previous level. Artifacts included leather, bottles, cartridges, ceramics, window glass, bottle glass, a kaolin pipe fragment, and a buckle.

The organic fill continued in the 125 to 150 cm level, but there was a mix of sands and gravels in this layer. Artifacts included bottle glass, mortar, leather, wood, bone, window glass, lead, cartridges, military buttons, a bottle, a coin, and a doll fragment. At 150 cm the soil changed to a very dark gray to black organic layer. This was 1 cm thick and followed by a layer of lime about 2 cm thick. These layers contained a few artifacts, including a glass stopper, leather, bone, window glass, bottle glass, a pencil, a buckle, and a brass letter K for a forage cap. At 153 cm a sterile sand was encountered. This continued to a depth of 165 cm, where excavation ceased. The deteriorated board lining ceased at the 153 cm level as well.

Feature 2

Feature 2 is essentially a compact soil area in the northeast corner of the south half of the barracks. It was defined by TU's 9, 12, 13, 14, and 16. The compacted soil area (Figure 6) lies beneath the loose fill zone that contained most of the artifacts. The compact soil is gray-white in color and appears composed of lime and limecrete intermixed with the native clay. The compact layer varies from 1 cm to 15 cm thick. A few artifacts were found imbedded in the surface of the layer, but their origin cannot be directly associated with the use of the feature. A post was found in TU-9 near the feature's edge, and a post mold was noted in TU-13. No other structural elements were found.

Feature 2 is truncated by the east and north walls of the south barracks half, and the remaining area describes an irregular arc. The north end of the arc begins 4.1 meters west of the northeast corner and curves around to the south encountering the east wall 17.9 meters south of the northeast corner. Feature 2 overlays elements of Feature 4 found in TU-23 and 24. Feature 2 clearly postdates Feature 4.

Feature 3

Feature 3 is a section of a trash pit located in TU-G (Figure 7). The feature was found in the southwest corner of the unit, and was first encountered at a depth of 25 cm below present ground surface, at the same level as the barracks foundation. The profile (Figures 8 and 9) of the feature shows a relatively straight-sided pit with a relatively flat bottom. The pit is 60 cm deep. The pit fill was composed of several levels and lenses. The top of the pit is roughly oval in cross section and was defined by a lens of organically rich sandy loam about 12 cm thick in the center and 105 cm long. The organic nature was the result of decayed wood. Beneath this lens is a 10-cm-thick level of a gray-brown clay, similar to the surrounding sterile clay. This level may have been intentionally placed as a cap to the pit. The third level is a lens of mortar and limecrete debris that extends from about 38 cm below present ground surface up and out beyond the pit boundaries at 15 cm. Again this may have been intentionally placed to aid in sealing the pit. Below the 6 cm thick mortar level is the sandy loam intermixed with decayed wood. A charcoal-bearing lens occurs at 60 cm below present ground surface and is 2 cm thick and 50 cm long. The lower portion of the pit contained the sandy organic level, grading into a cleaner brown sand, and finally a lighter brown sand. These levels appear to parallel the natural stratigraphic sequence, although the pit's cultural contents stained the soil matrix comprising the fill.

Feature 4

Feature 4 was discovered by park personnel as they were cleaning construction debris out of the interior of the barracks prior to beginning the restoration process. Fort Laramie staff excavated the feature prior to the arrival of the MWAC archeologist who recorded the feature and deepened several test units (TU's 19-26). Feature 4 consists of a discontinuous sandstone rubble foundation located in TU's 19, 23, and 24. Other test units were excavated on the foundation alignment (TU's 20,21, 22, 25, and 26), but no evidence of the structure or foundations were noted. The only artifacts found by park personnel during their excavations were 12d and 16d framing nails in the fill covering the foundation and three Spencer .56/50 cartridges (Figure 10), a bovid rib, an unidentified iron ferrule, and a fragment of a Burden horseshoe.

TU-19 located the sandstone rubble foundation at 10 cm below present ground surface. The unshaped rubble cobbles extended 8.5 meters west from a defined southeast corner. The rubble foundation ended abruptly at this point with no indication of a construction trench or other debris continuing to the west.

The foundation is 25 cm wide, although it is somewhat scattered and disturbed throughout its length (Figure 11). Two to three cobbles make up the width, and the foundation remains are only one course high. The construction trench is visible along the north side of the south wall. It is 45 cm wide with approximately 20 cm extending to the

north of the foundation. A profile of the trench noted it was dug into the sterile clay approximately 10 cm below the existing rubble foundation.

The foundation's east wall was not completely excavated, but tested at intervals. The southeast corner was defined 25 cm west of the barracks' east wall. It is also approximately 25 cm wide and consists of two to three cobbles of sandstone that remain only one course high. The rubble material is absent after a run of 7.62 meters north. TU-23, located 4.1 meters north of the foundations southeast corner, revealed a 15-cm-wide sandstone rubble foundation. This single course wide and high rubble was situated about 10 cm west of the barracks' east wall. This section of the foundation was extensively disturbed, perhaps by the construction of the barracks' east wall. A second alignment of rubble appeared to extend to the west approximately 50 cm. This alignment was thought to represent a remnant joist support. However, TU's 20, 21, and 23, excavated to the west, revealed no further evidence of such a support. In all probability, this alignment is nothing more than displaced foundation stones and is spurious in nature.

TU-24, placed 11.43 meters north of the foundation's southeast corner, located the northeast foundation corner. This section of the foundation was badly disturbed. However, the foundation appears to be about 25 cm wide and constructed in a manner similar to that previously discussed. The north foundation is very disturbed, but ran west for 2.1 meters before no further remnants could be identified. TU's 25 and 26 were placed to the west and near the barrack's west wall to determine if any other foundation remnants were present. None were located.

The east foundation measured 10.36 meters from the outside corners, north to south. The south foundation was the most complete and measured 8.5 meters east to west from the outside corner. The lack of artifacts associated with the foundation makes interpretation difficult. However, the lack of artifacts suggests Feature 4 was deliberately dismantled. Feature 1 is located 2.5 meters north and 4.1 meters west of the foundation. While Feature 1 is located inside the foundation, horizontal stratigraphy is lacking, and it is unclear how the two features relate to one another. It is clear, however, that Feature 2, the compact soil, is later than Feature 4. Feature 2 partially overlies the east foundation alignment and the entire northeast corner.

ARTIFACT DESCRIPTIONS

The surface collection and excavations yielded a large quantity of artifactual material. This section describes and identifies those materials. The approximately 5,000 artifacts were sorted and identified according to functional classes, and are described within each functional category. Within each functional class the artifacts are listed in numerical sequence. The number is the object's ANCS number. Flat glass or window pane thickness was measured for the purpose of determining approximate age. Those measurements are provided for reference purposes. Three thickness measurements are given for each piece of flat glass.

Culinary Fauna/Faunal Products

17122- Gallus gallus (domestic chicken). R. femur, distal 1/3. Diseased, ulcerated, and misshapen. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17178- Anatinae - not further identified (surface duck). Furculum. Incomplete. Exhibits knife carving marks. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17179- Bos taurus (domestic bovid). R. premaxilla. Broken off. Rodent-gnawn. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17180- Bos taurus (cf.) (domestic bovid). 4 lumbar(?) vertebra fragments of which 2 are joined. The carcass was halved with a hand saw. TU-6 22-23N 0-1E 0-10 cmbs.

17199- Gallus gallus (domestic chicken). R. ulna, proximal 1/2. Distal portion broken off. Canine toothmark. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17209- Bos taurus(?) (domestic bovid). 5/8", power-sawn, vertebral section. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17209- Sus scrofa (domestic swine). L. radius, distal 1/2. Proximal half was hand-sawn off. Canine tooth mark.

17229- Gallus gallus (domestic chicken). R. tarsometatarsus, distal 1/3. Proximal portion broken off. R. coracoid. Proximal portion broken off. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17229- Bos taurus (domestic bovid). Triangular, power-sawn, cut from the ischiatic spine of the R. innominate. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17262- *Gallus gallus?* (domestic chicken). 2 egg shell fragments. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17272- *Gallus gallus?* (domestic chicken). Eggshell fragments. TU-12 31-32N 1-2E Level 1 0-10 cmbs.

17275- *Lepus* sp. (jackrabbit). R. scapula. Proximal portion eaten off. Canine toothmarks evident. TU-12 31-32N 1-2E Level 1 0-10 cmbs.

17299- *Lepus* sp. (jackrabbit). R. tibia. Proximal half broken off and missing. One 2nd metatarsal and two 3rd metatarsals. TU-17 42-43N 3-4E Level 1 0-10 cmbs.

17322- *Gallus gallus?* (domestic chicken). Egg shell fragments. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17323- *Sylvilagus* sp. (rabbit). Incomplete cranium with small canine (*Felis catus?*) toothmarks. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17323- Anatinae - not further identified (surface duck). Furculum, incomplete. Ends broken off. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17335- *Lepus* sp. (jackrabbit). Scapula, incomplete. 33-34N 4-5E 0-3 cmbs Dust Zone.

17358- Fish scale - not further identified. TU-A 82-83S 0-1W Level B 10-20 cmbs.

18034- *Gallus gallus?* (domestic chicken). Eggshell fragments. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18100- *Gallus gallus* (domestic chicken). R. scapula exhibiting canine tooth mark. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18300- *Bos taurus* (domestic bovid). Lumbar vertebra. The carcass was halved with a power saw. TU-F 0-1S 0-1W 20-30 cmbs.

18301- *Bos taurus* (domestic bovid). Flatbone sirloin 1" thick. Power-sawn across ilium adjacent to the tuber sacrale of the L. innominate. TU-F 0-1S 0-1W 20-30 cmbs.

18302- *Pedicroetes phasianellus* (sharp tailed grouse). Coracoid. Distal 1/3. Proximal portion broken off. TU-F 0-1S 0-1W 20-30 cmbs.

18306- *Bos taurus* (domestic bovid). L. femur with saw cut on anterior trochanter major. Proximal 1/4 extant. Distal portion cleaved or axed and broken off. Head unfused but present - younger than 3 1/2 years at demise (Silver 1971: 256). TU-F 0-1S 0-1W Level 4 30-40 cmbs.

18307- *Bos taurus* (domestic bovid). Rib section measuring 2". One end is hand-sawn, other end is broken. TU-F 0-1S 0-1W Level 4 30-40 cmbs.

18360- *Bos taurus* (domestic bovid). L. innominate, triangular section power-sawn near ischium. TU-G 54-55S 0-1W Level 1 0-10 cmbs.

18401- Ameiuridae - not further identified (catfishes). L. pectoral spine. The element (from a small individual) exhibits several knife marks which were effected during the cleaning process. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18449- *Bos taurus* (cf.) (domestic bovid). Rib fragment. One end hand-sawn off, knife scored. Other end broken off. TU-6 54-55S 0-1W Level 7 60-70 cmbs.

18463- *Gallus gallus* (domestic chicken). L. femur, proximal half. Distal half broken off. Also under this catalog number is a L. acetabulum and a rib (*Gallus gallus*). TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18483- *Bos taurus* (domestic bovid). 3rd cervical vertebra (2 pieces). The carcass appears to have been halved with a cleaver or ax. One surface indicates the use of a power saw to break the side down into cuts. Another vertebral fragment (2 pieces) under this catalog number appears to have come from the left, distal portion of an axis which includes the transverse process. Hand sawing marks seem to indicate that the head was removed by cutting from the ventral side. TU-G 54-55S 0-10W Level 10 90-100 cmbs.

18487- *Bos taurus* (domestic bovid). 2 cervical vertebrae. Butchering was accomplished by halving carcass with a cleaver or axe after scoring with a knife. Quartering and/or further reduction (exemplified by these bones) was done with a power saw. Profile cleaning in and out of Feature 3 in TU-G 80-95 cmbs Southwest corner.

18528- *Sus scrofa* (domestic swine). L. femur head, unfused. 18- 19.5S 0-1W TU-H Level 3 20-30 cmbs.

18550- *Gallus gallus* (domestic chicken). R. ulna, epiphyses missing. Distal half of caudal face rodent-gnawn. Surface Feature 1 27.4-28.7N 1.9-3.4E.

18577- *Gallus gallus*(?) (domestic chicken). Eggshell fragments (4). Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18606- *Gallus gallus*(?) (domestic chicken). Incomplete furculum fragment, ribs, vertebrae, and a mandible. There are also three tibiotarsae belonging to three different individuals. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18609- *Gallus gallus* (domestic chicken). L. & R. femur (canine tooth marks), L. & R. tibiotarsus, L. & R. fibula, L. radius, L. ulna, sternum (incomplete), L. scapula, L. & R. humerus, L. coracoid, 2 ribs, 2 vertebrae. Feature 1 Level 2 25-45 cmbs.

18612- *Bos taurus* (domestic bovid). L. femur head power-sawn off. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18614- *Gallus gallus?* (domestic chicken). Egg shell fragments. Feature 1 Level 2 25-45 cmbs.

18685- *Gallus gallus?* (domestic chicken). Eggshell fragments (Small bag full). Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18722- *Gallus gallus* (domestic chicken). L. humerus. Distal portion broken off. Proximal epiphysis broken off. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18723- *Gallus gallus?* (domestic chicken). Eggshell fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18775- *Bos taurus* (domestic bovid). L. tibia. Power-sawn 7/8" section near proximal end. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18784- *Bos taurus* (domestic bovid). L. scapula, distal end, including the tuber scapulae and half of the glenoid cavity. One vertical cleaver line is evident about 1/4" from where this fragment was chopped from the rest of the scapula. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18806- *Gallus gallus?* (domestic chicken). Egg shell fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18819- *Lepus* sp. (jackrabbit). Radius. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18820- *Bos taurus* (cf.) (domestic bovid). Rib section (1") hand-sawn and knife-scored. *Bos taurus* (cf.) cleavered rib chip. *Bos taurus* (cf.) broken rib fragment including costal groove, tubercle, neck, and head. *Ovis aries* (cf.) vertebra fragment. Exhibits two canine tooth marks. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18951- *Bos taurus* (cf. domestic bovid). Femur section, central portion, measuring 1/2" to 5/8". Hand-sawn. TU-8 1-2N 6-7E surface.

18957- *Gallus gallus* (domestic chicken). L. humerus with canine tooth marks and a L. ulna with both epiphyses missing. TU-11 1-2N 3-4E.

- 18972- *Sylvilagus* sp. (cf. eastern cottontail). R. tibia, R. femur, R. innominate. These elements are from a small, immature individual. TU-21 2-3N 0-1E Surface.
- 19008- *Sylvilagus* sp. (cf. eastern cottontail). L. scapula. TU-14 30-31N 4-6E.
- 19016- *Gallus gallus* (domestic chicken). L. femur. Both epiphyses missing. Rodent-gnawn. Collection Unit 30-31N 5-6E Surface.
- 19064- *Gallus gallus* (Domestic chicken). L. coracoid. Ulna with both epiphyses missing. Exhibits canine tooth mark. TU-14 31-32N 6-7E 0-3 cmbs.
- 19113- *Sus scrofa* (domestic swine). R. femur section (1/2") power-sawn above distal epiphysis. Rodent-gnawn, knife-scored.
- 19130- *Gallus gallus* (domestic chicken). R. tibiotarsus. Both epiphyses broken off. Also under this catalog number is a *Gallus gallus* R. scapula. Collection Unit 34-35N 4-5E Surface.
- 19167- *Gallus gallus*(?) (domestic chicken). Eggshell. Collection Unit 34-35N 5-6E Surface.
- 19168- *Gallus gallus* (domestic chicken). L. humerus. Both epiphyses broken off. Exhibits a canine toothmark. Collection Unit 34-35N 5-6E Surface.
- 19183- *Gallus gallus* (domestic chicken). L. radius. 2 canine tooth marks. Both epiphyses broken off. L. scapula. Both epiphyses broken off. R. femur. Both epiphyses broken off. L. coracoid with 2 knife cuts just below the furcular facet. L. tibiotarsus. Both epiphyses broken off. There is a knife cut at midpoint. Collection Unit 34-35N 6-7E Surface.
- 19228- *Gallus gallus* (domestic chicken). R. coracoid. Collection Unit 36-37N 6-7E Surface.
- 19250- *Gallus gallus* (domestic chicken). R. coracoid, rodent-gnawn. 38-39N 6-7E dust zone 0-3 cmbs.
- 19256- *Sylvilagus* sp. (rabbit). L. humerus, R. tibia, maxilla and cranium fragments. This was a very small, immature individual at demise. Surface Collection 1-2N East Wall.
- 19260- *Lepus* sp. (jackrabbit). L. innominate. 39-40N 5-6E Dust Zone 0-3 cmbs.
- 19280- *Gallus gallus* (domestic chicken). 2 each, R. femurs. Both epiphyses broken off. 1 bird bone fragment (*Gallus* ?). 39-40.5N 0-1E Dust Zone 0-3 cmbs.

19281- *Bos taurus*(?) (domestic bovid). Long bone section measuring about 1". It exhibits knife scoring, hand sawing, and rodent tooth marks. 39-40.5N 0-1E Dust Zone 0-3 cmbs.

19324- *Gallus gallus* (domestic chicken). L. femur, distal half. Proximal half broken off. 39-40.5 1-2E Dust Zone 0-3 cmbs.

19325- *Sus scrofa* (domestic swine). Canine tooth fragment. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19326- *Gallus gallus* (domestic chicken). R. tibiotarsus. Both epiphyses broken off. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19328- *Bos taurus*(?) (domestic bovid). Long bone section measuring about 5/8", power-sawn. Extensive rodent gnawing on one side. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19330- *Sus scrofa* (domestic swine). L. radius, proximal half. Distal end hand-sawn off. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19331- *Gallus gallus* (domestic chicken). L. scapula, L. coracoid, sternum fragment. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19333- *Sus scrofa* (domestic swine). R. fibula. Both epiphyses missing. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19341- *Bos taurus* (domestic bovid). Rib section. Both ends hand-sawn. Scored by animal teeth. 58-59N 0-1E Surface.

19342- *Ictalurus punctatus* (channel catfish). L. coracoid, R. pectoral spine, R. cleithrum. 61-62N 1-2E Surface.

19354- *Sus scrofa* (domestic swine). R. scapula section (hand-sawn) measuring about 1". Rodent-gnawn. 2 other bits of bone are included under this catalog number and may have been a part of the same animal. 1 is a power-sawn rib section and the other is a scapula fragment. Surface Collection 1-2N East Wall.

19355- *Sylvilagus* sp. (cf. eastern cottontail). R. scapula. Surface Collection 1-2N East Wall.

19391- *Gallus gallus* (domestic chicken). L. Humerus. Both epiphyses missing. Canine tooth mark. L. carpometacarpus. Surface Collection 6.5-10.5N.

19412- *Sus scrofa* (domestic swine). R. femur section hand-sawn and measuring about 1" in length. The section was taken from the proximal portion of the shaft just below the

trochanter minor. Marrow completely removed. Several knife carving marks are present. Surface Collection 6.5-10.5N.

19425- *Sus scrofa* (domestic swine). L. first phalanx. Rodent-gnawn. Proximal epiphysis unfused and missing. Surface Collection 10.5-16N.

19478- *Sus scrofa* (domestic swine). L. second molar and an incomplete incisor. Surface Collection 16-21.9N.

19540- *Bos taurus* (domestic bovid). 2 vertebra fragments which indicate that the carcass was divided with an axe during the butchering process. Surface Collection 17.2N 3.15E.

19605- *Sus scrofa* (domestic swine). L. radius. Both epiphyses missing, rodent-gnawn. TU-14 31-32N 6-7E 0-3 cmbs.

19654- *Bos taurus* (domestic bovid). Power-sawn vertebral section measuring 1/2" loin cut "T" bone. Also under this catalog number is a 13/16" innominate power-sawn section (pin bone sirloin). Surface Collection 22.3-25.8N.

19655- *Ovis aries* (domestic sheep). L. metarsal. Surface Collection 22.3-25.8N.

19656- Squirrel-not further identified. R. mandible. Surface Collection 22.3-25.8N.

19657- *Gallus gallus* (domestic chicken). L. scapula and R. ischial fragment. Surface Collection 22.3-25.8N.

19658- *Sus scrofa* (domestic swine). 4th mandibulary premolar. Also under this same catalog number is an *Ovis aries* (domestic sheep) first phalanx. Surface Collection 22.3-25.8N.

19678- *Gallus gallus* (domestic chicken) vertebra. Surface Collection 23.8N 5.0E.

19705- *Sus scrofa* cf.(domestic swine). Hand-cut innominate sections measuring 1/2" in thickness (2 each), power-sawn rib section measuring about 3 1/2" in length. 32-33N 5-6E 0-3 cmbs. Dust Zone.

19713- *Sus scrofa* (domestic swine). Fibula with both epiphyses broken off. 25.85N 27E Surface.

19717- *Gallus gallus* (domestic chicken). R. tibiotarsus. Both epiphyses missing. Rodent-gnawn. Surface Collection 27.3N 5.82E.

19766- *Meleagris gallopavo* (cf.) (turkey). R. femur. Both epiphyses gnawn off by rodent. Surface Collection 29.44N 5.75E.

- 19784- *Gallus gallus* (domestic chicken). R. tibiotarsus. Both epiphyses missing. Rodent-gnawn. Also included under this catalog number is a vertebra. Surface Collection 31-32N 4-5E.
- 19803- *Gallus gallus* (domestic chicken). R. tibiotarsus. Both epiphyses missing. Surface Collection 34.5N 4.35E.
- 19807- *Gallus gallus* (domestic chicken). R. radius
- 19809- *Bos taurus* (cf. domestic bovid). 9/16" hand-sawn pelvic section. Surface Collection 36.45N 6.75E.
- 19815- *Bos taurus* (domestic bovid). R.(?) femur section (1/2") hand-sawn above distal epiphysis. Surface Collection 36.5N-5.8E.
- 19821- *Gallus gallus* (domestic chicken). R. coracoid. Surface Collection 38.5N 5.1E.
- 19824- *Lepus* sp. (jackrabbit). L. tibia, proximal portion. Rodent-gnawn. 39.65N 0.7E Surface.
- 19826- *Gallus gallus* (cf.) (domestic chicken). L. Femur. Both epiphyses missing. Rodent-gnawn. Surface Collection 39.65N 6.33E.
- 19844- *Sylvilagus* sp. (cf. eastern cottontail). L. femur. Included under this catalog number are two other unidentified mammal bones. Surface Collection 41-46N.
- 19845- *Bos taurus* (domestic bovid). R. anterior portion of the 1st sacral vertebra. The vertebra was hand-sawn through the body from the rear. Also included under this catalog number is a rodent-gnawn mammal bone chip. Surface Collection 41-46N.
- 19897- *Sylvilagus* sp (rabbit). R. innominate. Also included under this number are Anatinae (surface duck, not further identified) L. coracoid with canine tooth marks, L. humerus, proximal end only, and a sternum fragment, anterior portion only. Surface Collection 49-58.5N
- 19898- *Sylvilagus* sp. (cf. eastern cottontail). 6 teeth. Surface Collection 49-58.5N.
- 19899- *Sylvilagus* sp. (cf. eastern cottontail). Incomplete cranium. Surface Collection 49-58.5N
- 19900- *Ictalurus punctatus* (channel catfish). Incomplete neurocranium. Surface Collection 49-58.5N.

- 19911- *Sus scrofa* (domestic swine). R. innominate including acetabulum. Surface Collection 61-64.15N.
- 19912- *Sus scrofa* (domestic swine). R. tibia. Proximal epiphysis unfused and missing. Distal 1/4 power-sawn off. Surface Collection 61-64.15N.
- 19943- *Ictalurus punctatus* (channel catfish). L. cleithrum. Surface Collection 61-64.15N.
- 20043- *Gallus Gallus* (cf. domestic chicken). Furculum. Surface Collection 65-74.6N.
- 20079- *Sus scrofa* (domestic swine). Proximal epiphysis, L. tibia (unfused). 72-73N 1-2E Surface.
- 20080- *Bos taurus* (domestic bovid). Thoracic vertebra, spinous process hand-sawn off. 72-73N 1-2E Surface.
- 20081- *Bos taurus* (domestic bovid). Rib fragment, hand-sawn to separate it from vertebra. 72-73N 1-2E Surface.
- 20082- *Bos taurus* (domestic bovid). Unfused proximal epiphysis, L. femur. Small individual. 72-73N 1-2E Surface.
- 20083- *Bos taurus* (domestic bovid). 2 rib fragments, hand-sawn. 72-73N 1-2E Surface.
- 20084- *Bos taurus* (domestic bovid). Vertebra fragment. Cleavered or axed longitudinally in separating the carcass in half. Epiphyses unfused, missing. 72-73N 1-2E Surface.
- 20089- *Gallus gallus* (domestic chicken). R. humerus. Both epiphyses exhibit canine tooth marks. 72-73N 1-2E Surface.
- 20090- *Sus scrofa* (domestic swine). L. radius. Proximal epiphysis unfused, missing. Distal portion broken off. 72-73N 1-2E Surface.
- 20091- *Bos taurus* (cf.) (domestic bovid). 2 vertebrae sections measuring 1" in thickness. Power-sawn. 72-73N 1-2E Surface.
- 20094- *Sus scrofa* (domestic swine). Unfused distal epiphysis, L. femur. 72-73N 1-2E Surface.
- 20095- *Gallus gallus* (domestic chicken). L. innominate. Exhibits canine tooth marks. 72-73N 1-2E Surface.
- 20097- *Gallus gallus* (domestic chicken). Femur shaft. Both epiphyses broken off. 72-73N 1-2E Surface.

- 20098- *Sus scrofa* (domestic swine). R. femur head, unfused. 72-73N 1-2E Surface.
- 20099- *Sus scrofa* (domestic swine). R. tibia, proximal 4/5. Proximal epiphysis unfused, missing. Distal 1/5, cleavered and hand-sawn. Distal end rodent-gnawn. 72-72N 1-2E Surface.
- 20198- *Sylvilagus* sp. (rabbit). Cranium. Surface Collection 77.7-82.13N.
- 20199- *Bos taurus* (domestic bovid). Unfused posterior epiphysis from a lumbar vertebra. The right 1/5 is sawn off. Surface Collection 77.7-82.13N.
- 20230- *Bos taurus* (domestic bovid). Lateral condyle, L. femur. Unfused, broken. 23.3-25.8 meters outside w. wall.
- 20391- *Bos Taurus* (domestic bovid). L. tibia, distal (2 1/2") end, epiphysis missing, hand-sawn. Surface 9'-6" From NW corner E 74'.
- 20395- *Bos taurus*(?) (domestic bovid). Vertebral cut (power-sawn). Surface 9'-6" From NW Corner E 74'.
- 20470- *Bos taurus* (domestic bovid). Distal 1/3 of L. scapula. One shallow hand-sawn mark above tuber scapulae. The tuber scapulae and 3/4 of the glenoid cavity cleavered off. The other end was hand-sawn at a descending angle from anterior to posterior. Also included under this same catalog number is a 5" hand-sawn rib section, *Bos taurus* cf., and an incomplete humerus head which exhibits both hand sawing and cleavering marks, *Bos taurus* cf. Sewer Trench North Side 22-255W.

Culinary Flora

- 17120- *Arachis hypogaea* (peanut) shell. TU-4 17-18N 2-3E Level 1 0-10 cmbs.
- 17130- Two *Prunus* sp. (plum) seeds. Rodent-gnawn. 32-33N 5-6E 0-3 cmbs. Dust Zone.
- 17181- *Juglans regia* (English Walnut) shell, *Prunus* sp. (plum) seeds (2 each), *Corylus* sp. (hazelnut) shell, *Prunus persica* (peach) seed shell, and *Citris* sp. (orange?) peel. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17225- *Prunus persica* (peach) seed shell. TU-8 23-24N 4-5E Level 1 0-10 cmbs.
- 17261- *Arachis hypogaea* (peanut) shell. TU-11 23-24N 1-2E Level 1 0-10 cmbs.
- 17278- *Cucurbita pepo* (pumpkin) seed. TU-12 31-32N 1-2E Level 1 0-10 cmbs.

- 17295- *Bertholletia excelsia* (Brazil nut). TU-17 42-43N 3-4E Level 1 0-10 cmbs.
- 17300- *Zea maize* (corn) cob fragments. TU-17 42-43N 3-4E Level 1 0-10 cmbs.
- 17301- *Prunus* sp. (plum) seed. TU-17 42-43N 3.4E Level 1 0-10 cmbs.
- 18262- Two *Carya illinoensis* (pecan) shell fragments. 31-32S 6-7W Level 1 0-10 cmbs.
- 18569- *Zea maize* (corn) cob fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18571- *Arachis hypogaea* (peanut) shell fragments (3). Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18616- *Prunus* sp. (plum) seed. Feature 1 Level 2 25-45 cmbs.
- 18617- *Cucurbita pepo* (pumpkin) seed fragments (3). Feature 1 Level 2 25-45 cmbs.
- 18618- *Arachis hypogaea* (peanut) shell fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18683- *Arachis hypogaea* (peanut) shell fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18724- *Arachis hypogaea* (peanut) shell fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18789- *Cucurbita pepo* (pumpkin) seed. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.
- 19010- *Zea maize* (corn) cob fragments. Collection Unit 30-31N 4-6E Surface.
- 19011- *Cucurbita pepo* (pumpkin) seed. Collection Unit 30-31N 4-6E Surface.
- 19012- *Arachis hypogaea* (peanut) shell. Collection Unit 30-31N 4-6E Surface.
- 19013- *Prunus* sp. (plum) seed. Collection Unit 30-31N 4-6E Surface.
- 19017- *Cucurbita pepo* (pumpkin) seed. Collection Unit 30-31N 5-6E Surface.
- 19018- *Amygdalus persica* (peach) seed shell fragment. Collection Unit 30-31N 5-6E Surface.
- 19019- Cherry seed. Not further identified. Collection Unit 30-31N 5-6E Surface.

- 19024- Six *Zea maize* (corn) cob fragments. 1 exhibits considerable rodent gnawing. 32-33N 4-5E 0-3 cmbs Dust Zone.
- 19027- Ten *Cucurbita pepo* (pumpkin) seed fragments. 32-33N 4-5E 0-3 cmbs Dust Zone.
- 19028- Six *Prunus* sp. (plum) seeds. All exhibit rodent gnawing. 32-33N 4-5E 0-3 cmbs Dust Zone.
- 19029- Three *Arachis hypogaea* (peanut) shell fragments. 32-33N 4-5E 0- 3 cmbs Dust Zone.
- 19039- *Zea maize* (corn) cob fragments. Collection Unit 30-31N 6-7E Surface.
- 19040- *Arachis hypogaea* (peanut) shell fragment. Collection Unit 30-31N 6-7E Surface.
- 19041- Cherry seed. Not further identified. Collection Unit 30-31N 6-7E Surface.
- 19046- *Prunus* sp. (plum) seed. 31-32N 6-7E 0-3 cmbs.
- 19055- *Amygdalus persica* (peach) seed shell. 31-32N 6-7E 0-3 cmbs.
- 19056- *Cucurbita pepo* (pumpkin) seed fragment. 31-32N 6-7E 0-3 cmbs.
- 19058- *Carya illinoensis* (pecan) shell. 31-32N 6-7E 0-3 cmbs
- 19059- *Prunus*(?) sp. (cherry) seed. Rodent-gnawn. 31-32N 6-7E 0-3 cmbs.
- 19060- *Juglans niger* (black walnut) shell. 31-32N 6-7E 0-3 cmbs.
- 19065- *Bertholletia excelsia* (Brazil nut) shell. 19-20N 1-2E TU 5 Level 1 0-10 cmbs.
- 19070- Twenty-one *Cucurbita pepo* (pumpkin) seed fragments. 32-33N 5-6E 0-3 cmbs Dust Zone.
- 19071- Forty *Zea maize* (corn) cob fragments. 32-33N 5-6E 0-3 cmbs Dust Zone.
- 19072- *Zea maize* (corn) kernel. 32-33N 5-6E 0-3 cmbs Dust Zone.
- 19074- *Zea maize* (corn) husk fragment. 32-33N 5-6E 0-3 cmbs Dust Zone.
- 19099- *Cucurbita pepo* (pumpkin) seed. Collection Unit 32-33N 6-7E Surface.
- 19100- *Arachis hypogaea* (peanut) shell fragment. Collection Unit 32-33N 6-7E Surface.

- 19101- *Juglans regia* (English walnut) shell. Rodent-gnawn. Collection Unit 32-33N 6-7E Surface.
- 19102- Cherry seed. Not further identified. Collection Unit 32-33N 6-7E Surface.
- 19103- *Prunus* sp. (plum) seed. Collection Unit 32-33N 6-7E Surface.
- 19104- *Zea* maize (corn) cob fragments (6). Collection Unit 32-33N 6-7E Surface.
- 19109- *Allium* sp. (cf.) (onion/garlic) tissue. Collection Unit 32-33N 6-7E Surface.
- 19119- *Arachis hypogaea* (peanut) shell. 33-34N 4-5E 0-3 cmbs Dust Zone.
- 19120- Two *Prunus* sp. (plum) seeds. 33-34N 4-5E 0-3 cmbs Dust Zone.
- 19121- *Cucurbita pepo* (pumpkin) seed. 33-34N 4-5E 0-3 cmbs Dust Zone.
- 19122- Two *Zea* maize (corn) cobs. 33-34N 4-5E 0-3 cmbs Dust Zone.
- 19128- *Zea* maize (corn) cob fragment. Collection Unit 33-34N 5-6E Surface.
- 19159- *Allium cepa* (onion) skin. Collection Unit 34-35N 5-6E Surface.
- 19163- *Zea* maize (dent corn) kernel. Collection Unit 34-35N 5-6E Surface.
- 19164- *Bertholletia excelsia* (Brazil nut) shell. Collection Unit 34-35N 5-6E Surface.
- 19201- *Zea* maize (corn) cob. Collection Unit 36-37N 4-5E Surface.
- 19225- *Prunus* sp. (plum) seed. Collection Unit 36-37N 6-7E Surface.
- 19236- *Prunus* sp. (plum) seed fragment, *Juglans regia* (English walnut) shell fragment. 37-38N 6-7E Dust Zone 0-3 cmbs.
- 19256- *Arachis hypogaea* (peanut) shells (5 fragments). S. End Mess Room 16-21.9 Meters.
- 19258- *Arachis hypogaea* (peanut) shell. 39-40N 5-6E Dust Zone 0-3 cmbs.
- 19267- *Prunus* sp. (plum) seed fragment. 39-40N 6-7E Dust Zone 0-3 cmbs.
- 19362- *Bertholletia excelsia* (Brazil nut) shell fragments (6). Surface Collection 1-6.5N West Wall.

- 19363- *Arachis hypogaea* (peanut) halves from 2 different nuts. Surface Collection 1-6.5N West Wall.
- 19384- *Corylus* sp. (hazelnut) shell. Rodent-gnawn. Also included under this catalog number is a small apricot or peach seed. Surface Collection 6.5-10.5N.
- 19385- Cherry seed. Not further identified. Surface Collection 6.5-10.5N.
- 19386- *Amygdalus persica* (peach) seed. Surface Collection 6.5-10.5N.
- 19387- *Prunus* sp. (plum) seeds (4). Surface Collection 6.5-10.5N.
- 19388- *Bertholletia excelsia* (Brazil nut) shell fragment. 6.5-10.5N.
- 19408- *Bertholletia excelsia* (Brazil nut) shell fragment (2). 6.5-10.5N.
- 19432- *Prunus* sp. (plum) seed. Rodent-gnawn. Surface Collection 10.5-16N.
- 19487- *Prunus* sp. (plum) seed. Surface Collection 16-21.9N.
- 19488- *Arachis hypogaea* (peanut) shell (6). Surface Collection 16-21.9N.
- 19525- *Zea* maize (corn) cob fragments. S. End Mess Room 19-21.9 Meters.
- 19527- One *Juglans nigra* (black walnut) shell. Rodent-gnawn. S. End Mess Room 16-21.9 Meters.
- 19528- Two *Amygdalus persica* (peach) seeds. One is rodent-gnawn. S. End Mess Room 16-21.9 Meters.
- 19529- Fifteen *Prunus* sp. (plum) seeds. All are rodent-gnawn. S. End Mess Room 16-21.9 Meters.
- 19530- *Pinus edulis* (piñon) nut shell. S. End Mess Room 19-21.9 Meters.
- 19578- *Arachis hypogaea* (peanut) shell. S. End Day Room 22.3-25.8 Meters.
- 19579- *Juglans cinerea* (butternut) shell. S. End Day Room 22.3- 25.8 Meters.
- 19638- *Citrullus vulgaris* (watermelon) seeds (2). Surface Collection 22.3-25.8N.
- 19639- *Prunus* sp. (plumb) seeds (5). Rodent-gnawn. Surface Collection 22.3-25.8N.
- 19640- *Cucurbita pepo* (pumpkin) seed. Surface Collection 22.3-25.8N.

- 19641- Cherry seed. Not further identified. Rodent-gnawn. Surface Collection 22.3-25.6N.
- 19642- *Olea europaea* (olive) seed. Surface Collection 22.3-25.8N.
- 19644- *Amygdalus persica* (peach) seeds (2). Surface Collection 22.3-25.8N.
- 19645- *Juglans niger* (black walnut) shells (3). Surface Collection 22.3-25.8N.
- 19647- *Arachis hypogaea* (peanut) shell (1). Surface Collection 22.3-25.8N.
- 19648- *Zea* maize (corn) cob. Surface Collection 22.3-25.8N.
- 19706- *Zea* maize (corn) cob fragment. Surface Collection 25N 5.9E.
- 19779- *Prunus* sp. (plum) seeds (7 incomplete). Surface Collection 31-32N 4-5E.
- 19780- *Cucurbita pepo* (pumpkin) seed. Surface Collection 31-32N 4-5E.
- 19781- *Juglans niger* (black walnut) shell fragment. Surface Collection 31-32N 4-5E.
- 19782- *Zea* maize (corn) cob fragments (3). Surface Collection 31-32N 4-5E.
- 19813- *Zea* maize (corn) cob which has been utilized as a stopper. Surface Collection 36.5N-4.45E.
- 19814- *Zea* maize (corn) cob used as a stopper. 36.5N 5.8E Surface.
- 19816- *Zea* maize (corn) cobs (2) which have been utilized as stoppers. Surface Collection 37.95N 4.98E.
- 19892- *Zea* maize (corn) kernel (dent). Surface Collection 49-58.5N.
- 19893- *Amygdalus persica* (peach) seeds, 2 each. Surface Collection 49-58.5N.
- 19894- *Prunus* sp. (plum) seeds, 16 each. Surface Collection 49-58.5N.
- 19895- *Corylus* sp. (hazelnut) shell and *Carya illinoensis* (pecan) shell. Surface Collection 49-58.5N.
- 19955- *Prunus* sp. (plum) seed. N. End Mess Room 65-74.6 Meters.
- 19973- *Amygdalus persica* (peach) seed. N. End Mess Room 65-74.6 Meters.
- 19975- Whole coffee bean. N. End Mess Room 65-74.6 Meters.

20039- *Juglans cinerea* (butternut) shell. Surface Collection 65-74.6N.

20196- *Cucurbita* sp. (squash) stem. Surface Collection 77.7-82.13N.

20212- *Olea europaea* (olive) seed. Rodent-gnawn. Test Unit A 82-83S 0-1W 50-60 cmbs.

Tools and Vessels Used for Food Storage/Preparation/Serving

17127- Two sherds of plain, undecorated whiteware. These sherds represent 2 different vessels. Both are too small to determine configuration. 19-20N 1-2E TU 5 Level 1 0-10 cmbs.

17234- Stemware base with remnants of a fluted stem. Formed in a mold. The 2 sherds do not fit together. Colorless glass. TU-9 31-32N 5-6E Level 1 0-20 cmbs.

17343- Whiteware cup handle fragment and whiteware sherd (2 different vessels). TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17360- One small whiteware sherd with underglaze cobalt blue transfer print. Not enough remains to identify the design. TU-A 82-83S 0-1W 10-20 cmbs.

17378- Embossed marli fragment from a whiteware plate. It has an unevenly scalloped edge and is embossed to emphasize the scallop. There is an underglaze pale orange border which follows the scalloping, and a fragment of a design, also in pale orange, which is too incomplete to identify. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17378- Whiteware rimsherd from a cup(?) with an overall purplish rose glaze. Also included under this catalog number are 6 other whiteware sherds. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17388- Small whiteware sherd which may have been part of a plate. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

18029- One yellowware sherd with a matte, reddish brown slip on both interior and exterior surfaces. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18030- One off-white stoneware sherd representing the heel and part of the base. Vessel shape may have been a jug. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18031- Two whiteware sherds. One of these is from a cup and is represented by a part of the body, heel, footring, and a part of the base. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18032- Whiteware basal sherd with an incomplete mark consisting of jar with crosshatched bands covering the upper 1/3 and lower 1/3 of the vessel. In the center are the characters "VITR..." which originally read "VITREOUS." Below the pot is the name "EDWIN..." originally "EDWIN M. KNOWLES/CHINA CO." There are several variants of this mark which was filed for copyright on May 20, 1920. The company was in business 1900-1963 (Lehner 1988:237). The sherd has been subjected to intense heat. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18033- Two whiteware marli sherds with a pale, transparent yellow glaze. The rim is scalloped and molded in relief to emphasize the contour. The floral decoration is by overglaze decal and consists of yellow flowers with orange centers, red/orange flowers with yellow centers, blue flowers with yellow centers and part of a black, rococo decorative element with a medium yellow border. Neither of the sherds is marked, but the design is reminiscent of the tastes of the 1930s. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18035- Plain, undecorated whiteware marli sherd from a soup plate(?). TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18041- Rounded tip of a table service knife blade. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18093- Three stoneware sherds from 3 different vessels: 1 tan salt glaze exterior with Albany interior; 1 Bristol slip and Albany exterior with Albany interior; 1 Bristol slip exterior and Albany interior.

18094- Three plain, undecorated whiteware sherds from at least 2 vessels - a plate, and a bowl or cup. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18107- Two plain, undecorated whiteware sherds from a plate(?). TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18143- Plain, undecorated whiteware sherd. Too small to determine vessel shape. 62-63S 0-1W TU-C Level 3 20-30 cmbs.

18149- Teaspoon handle (silver plate over ferrous metal) stamped "...RITA..." on the reverse. The design consists of a plain, rounded proximal end with a strengthening rib cast on the center line of both obverse and reverse surfaces. Pattern name and manufacturer have not been identified. TU-C 62-63S 0-1W Outside 30-40 cmbs.

18176- Whiteware marli sherd from a plate. It is decorated with an overglaze gilt design reminiscent of the late 1930s. Also included under this catalog number are 15 other plain, undecorated whiteware sherds which are too small to associate with vessel shape. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18207- Plain, undecorated whiteware sherd. Vessel shape not determined. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18209- Colorless glass sherd from covered dish. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18211- Colorless glass sherd from covered dish. Estimated original diameter 7". TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18225- Four plain, undecorated whiteware sherds. Vessel shape not determined. TU-D Outside 37-38S 2-3W Level 3 20-30 cmbs.

18236- Three plain, undecorated whiteware sherds, of which 1 is a part of the marli from what may have been a platter. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18260- Three whiteware sherds (vessel shape and diameter undetermined). One of the sherds is a basal/heel/body fragment with an approximate diameter of 4". The base is about 1/2" greater in diameter than the body. May have been a sugar bowl. 31-32S 6-7W Level 1 0-10 cmbs.

18273- One whiteware sherd. Vessel shape undetermined. 31-32S 6-7W Level 2 10-20 cmbs.

18297- One plain, undecorated, thin whiteware sherd. The original diameter of the vessel is estimated to have been about 3", which is within the size range of a cup. TU-F 0-1S 0-1W Level 2 10-20 cmbs.

18303- Whiteware sherd with pink and black decal decoration. The elements are too small to determine the type of pattern. TU-F 0-1S 0-1W 20-30 cmbs.

18313- Whiteware rimsherd fragment from a cup. Estimated original diameter 4". The floral overglaze decal decoration features small blue flowers with yellow centers, and larger burnt orange flowers. Green foliage included in design. Some outlining in black. 0-1S 0-1W TU-F Level 4 30-40 cmbs.

18327- Whiteware rimsherd with decal floral sprig decoration in green and brown. Vessel shape not determined. 0-1S 0-1W TU-F Level 5 40-50 cmbs.

18343- One plain, undecorated whiteware sherd. TU-F 0-1S 0-1W Level 8 70-80 cmbs.

18391- Three hotel-type porcelain sherds from a bowl(?). One of the sherds exhibits an incomplete curvilinear decoration in green. A rimsherd had a green line on the interior of the lip, with ticking just below - also in green. A basal sherd is stamped with an incomplete and presently unidentified mark reading "...ONA". Also included under this

catalog number is 1 stoneware sherd with a dark brown glaze on both interior and exterior surfaces. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18393- Five colorless glass, diamond-diapered sherds with concavo-convex surfaces which resulted from having been blown in a full sized mold. McKearin and McKearin (1948:240-245) discuss concavo-convex texturing as 1 of 4 characteristics of "Blown Three Mold Glass." They state that it made its appearance as an American tableware product ca. 1820 and persisted well into the 1830s. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18400- Tumbler base in colorless glass measuring 1 5/8" diameter. There are 12 flutes, each measuring 5/8" high from the heel. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18512- Well-fired, wheel-thrown whiteware sherd decorated with punctations and embossed (Newcomb 1947:200) curvilinear designs, The embossments and punctures were painted over with a brown pigment. One edge of this sherd is finished. It suggests a culinary dish cover with a finger hole in the center, or perhaps the top of a hair receiver. 18-19S 0-1E TU-H Level 1.

18524- Cover fragment for a small dish or or bowl (candy/sugar) in amethyst tinted glass. There is a concentric ring decorative element in high relief situated near the top center. 18-19S 0-1W TU-H Level 2 10-20 cmbs.

18587- Four whiteware sherds which may be from the same vessel (a plate). 3 of the sherds are from an unevenly scalloped and embossed marli, while the 4th includes a part of the footring and base. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18590- Whiteware plate basal sherd. Bears a variant of the British royal arms with "Stone Ch .../H. Burgess ..." embossed underneath. This is the mark of the Henry Burgess Kiln Croft Works, Burslem (formerly T. & R. Boote). Godden (1964:116) dates this mark between 1864-1892. 73.75N 0.6E. Surface.

18667- Fifteen plain, undecorated whiteware sherds which may be from same vessel—a plate. One of the sherds is stamped "...GE/..." under glaze. The characters *may* have formed the last two letters of "George" as in the W. S. George Pottery Company, which began business under that name in January of 1909. The style of the letters are similar to those in use by the company during the 1930s (Lehner 1988:135, 162-163). Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18670- Jelly tumbler in colorless glass measuring 3 3/8" high, 2 1/2" in diameter at the lip and 1 1/2" at the base. The interior surface is ribbed. It is ledged 1/4" from the lip to serve as a stop for a tin plated friction lid. Although broken, the tumbler is complete. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18691- "Windsor" pattern tea spoon made of nickel plate over cuprous metal. The reverse is stamped "W NICKEL SILVER 18". The manufacturer of this spoon has not been identified; however, a number of firms marketed this pattern in silver plate: Hibbard Spencer Bartlett & Company (ca. 1914), Montgomery Ward & Co. (ca. 1892), Rogers (1879), Wm. Rogers (ca. 1884), 1847 Rogers Bros. (1850), and Rogers Smith & Co. (before 1878) (Davis and Deibel 1972:89, 95, 172, 199, 209, 326). The spoon bowl has a thick, maroon-colored, dried substance sticking to it. A burned scraping smelled like paint. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18718- Bowl and handle fragments from a cuprous metal teaspoon (quite likely nickel or silver plated originally). The handle fragment bears no maker's mark. The manufacturer used beaded decorative elements as part of the design. The pattern name has not been identified. One small piece of ferrous metal scrap is included under this catalog number. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18809- Stamped ferrous metal teaspoon. Complete, but badly oxidized and fragmented. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18931- Small, plain, undecorated whiteware sherd. Feature 1 North Wall Profile.

19051- Plain, undecorated white porcelain sherd. Vessel shape not determined. 31-32N 6-7E 0-3 cmbs.

19147- Jelly glass(?) basally embossed with a 5-pointed star on a stippled field surrounded by a horseshoe. The design covers most of the base. This mark (which has not been identified) is not uncommon in post-t.c. strata. Collection Unit 34-35N 5-6E Surface.

19240- Plain, undecorated whiteware sherd. Vessel shape not determined. 37-38N 6-7E Dust Zone 0-3 cmbs.

19245- Two whiteware sherds. 1 has an underglaze transfer print decoration in cobalt blue. The element is too small to identify. 38-39N 4-5E Dust Zone 0-3 cmbs.

19317- Plain, undecorated whiteware marli fragment. 39-40.5N 1-2E Dust Zone 0-3cmbs.

19345- Plain, undecorated whiteware saucer measuring 6 3/8" in diameter. The base is impressed with one of the Mercer Pottery marks. Lehner (1988:293) illustrates this particular mark (#13) which consists of the name "MERCER" arced over a globe with the word "WARRANTED" across the equator and enclosed in a rectangle. "CHINA" is arced under the bottom. Lehner gives no date for the mark but does give an initial date of 1868 for the company. They remained in business until the 1930s. The saucer is deep (1 1/4"), suggesting that it was designed as a vessel from which one might drink. Saucers with this configuration were originally paired with handleless cups. A handleless cup filled with hot coffee was too hot to hold and drink from. Although Williams (1978:10) suggests that the

popularity of handleless cups began to wane by mid-nineteenth century, they could still be found in the marketplace at least as late as 1895 (Montgomery Ward & Co. 1970:511). Deep saucers were sold with *handled* cups as well, for there were those who still preferred their coffee from a saucer. In rural areas the custom of "saucering" one's coffee persisted well into the 1930s. Collection Unit 74-75N 2-3E Surface.

19352- Plain, undecorated whiteware body sherd from a mug. Surface Collection 1-2N East Wall.

19447- Plain, undecorated whiteware sherd. Vessel shape not determined. Surface Collection 16-21N.

19499- Beam (meat) hook for 2" beam (Sears Roebuck & Co. 1968:102). S. End Mess Room 16-21.9 Meters.

19556- Mottled gray vitreous enamel (over ferrous metal) handled cup. The 1922-23 Ward's catalog (Montgomery Ward & Co. 1969:522) offered a selection of mottled gray enamel ware, including a handled cup. Surface Collection 20.3N 1.6E.

19573- Two stoneware sherds from different vessels. Both have off- white pastes, one tending toward tan, the other toward gray. Both have clear glazes. S. End Day Room 22.3N-5.8E.

19631- Scalloped, repousse, resurgent flow blue rimsherd from a serving bowl. It was embellished with gilt garlands and a gilt edge. Surface Collection 22.3-25.8N.

19670- Composite vacuum bottle (Thermos) cap with cork, ferrous and white metal components. Surface Collection 23.15N 4.6E.

19689- Small individual "berry" bowl with unevenly scalloped rim. The rim is decorated with flow blue over a tendril-like repousse design. The pattern has not been identified. Surface Collection 23.9N 4.4E.

19701- Twelve(?) -flute, colorless glass sherd from a stemmed drinking vessel. 25N 5.9E Surface.

19704 & 20069- Two incomplete, plain, undecorated whiteware mugs. No trademark. The more complete of the two measures 3 5/8" tall and 3 13/16" in diameter. 72-73N 1-2E Surface. Rustic whiteware cup(?) handle. This handle is quite small for a conventionally sized vessel; however, it would be an appropriate size for a demitasse cup. 25N 5.9E Surface.

19705- Wheel-thrown, off-white to beige stoneware sherd with a clear glaze on both interior and exterior surfaces. Original diameter estimated at about 4". May have been a butter crock. 25N 5.9E Surface.

19730- Thin ferrous metal sheet strap handle fragments measuring 5/8" in width. May have been attached to a "tin" cup or such kitchen tools as a grater or flour sifter. S. End Saddlery 29.3- 34.5 Meters.

19732- Plain, undecorated whiteware rimsherd. Original diameter, estimated at 3 1/2", suggests vessel configuration was a cup or mug. S. End Saddlery 29.3-34.5 Meters.

19799- Silver plate over ferrous metal teaspoon in the "tipped" pattern which was made by a number of different companies over a long period of time (Davis and Deibel 1972). The upper part of the spoon handle is backstamped in low relief "MADE/IN/USA/900/WB." The initials "WB" were used as a mark by five different silver companies (Kovel and Kovel 1979:348).

19841- Five wheel-thrown yellowware sherds. None of the pieces fit together, but the uniformity of color suggests that they are from the same vessel. Curvature of the sherds suggests that the vessel was a mixing bowl. Surface Collection 41-46N.

19908- Virgin cork cylinder measuring 1 1/2" in diameter and about 5/8" in height (broken off) which may have been part of a vacuum bottle cork. Surface Collection 61-64.15N.

19938- Approximately 1/3 of a wooden lid for a churn or crock. The lid measures 11/16" in thickness and is estimated to have been about 11" in diameter. The perimeter is beveled on one side. Surface Collection 61-64.15N.

19967- Wooden handle from table fork or knife. Table cutlery with bone, hard rubber, or wood handles was popular at the turn of the century. The 1902 Sears Catalog (Sears, Roebuck & Co. 1969:481) illustrates a similarly handled knife and fork. N. End Mess Room 65-74.6 Meters.

20021- Incomplete, plain, undecorated whiteware bowl sherd consisting of the rim and part of the body. Estimated original diameter is 5".

20022- Two incomplete, plain, undecorated whiteware mug sherds consisting of rim and body. Surface Collection 65-74.6N.

20023- Two plain, undecorated whiteware soup plate sherds. Surface Collection 65-74.6N.

20024- Incomplete, plain, undecorated whiteware mug sherd consisting of a part of the rim, body, and heel. Surface Collection 65-74.6N.

20025- Incomplete, plain, undecorated whiteware mug measuring 3 1/2" in height. No mark. Surface Collection 65-74.6N.

20026- Thirteen plain, undecorated whiteware sherds from serving pieces. At least 2 plates and 3 mugs are represented. No marks. Surface Collection 65-74.6N.

20027- Complete (though broken), plain, undecorated whiteware saucer. No mark. This saucer is 1 1/4" deep and could have been used in "saucering" coffee. Surface Collection 65-74.6N.

20028- One basal and 4 rim sherds from what appear to have been 2 plain, undecorated whiteware plates. Surface Collection 65-74.6N.

20029- Two rimsherds from a plain, undecorated whiteware plate. Surface Collection 65-74.6N.

20030- Incomplete, plain, undecorated whiteware plate measuring 9" in diameter. No mark. Surface Collection 65-74.6N.

20031- Three plain, undecorated whiteware plate sherds from the same vessel. The base is stamped with the distinctive Knowles, Taylor and Knowles 5-armed cross emblazoned with the American eagle. Gates and Ormerod (1982:119, Figure 99a) date this particular variant to ca. 1885. Surface Collection 65-74.6N.

20032- Stoneware mixing bowl sherd with dark brown glaze on both interior and exterior surfaces. Surface Collection 65-74.6N.

20070- Plain, undecorated whiteware saucer measuring 6 3/8" in diameter. The impressed mark is a globe with "Mercer" arced above it, "Warranted" through the center, and "China" arced below the globe. Mercer was in business 1868-ca. 1937 (Lehner 1988:293). The globe mark was in use at least as early as 1904, since Barber (1976:57) includes it among other Mercer trademarks. 72-73N 1-2E Surface.

20071- Plain, undecorated whiteware plate measuring 9 13/16" in diameter. The base is marked with the Knowles, Taylor & Knowles 5-armed cross with an eagle in the center. The company dates 1854- 1931. The mark includes the name "Ironstone China" (which they added to their list of products in 1901). In 1929 the company merged with 8 other companies to form the American China Co., so this plate should date ca. 1901-1929 (Lehner 1988:237). 72-73N 1-2E Surface.

20072- Four plain, undecorated whiteware plates, None have makers' marks. Estimated original diameters are: 9 3/8", 9 1/2", 9 5/8" and 10". 72-73N 1-2E Surface.

20075- White porcelain-enameled steelware vegetable dish. The edge of the narrow marli is marked with a cobalt blue line. The bowl measures 8 13/16" x 6 1/2" x 1 3/4". Length and width measurements include the marli (7/8"). A quite similar bowl is illustrated in the 1908 Sears catalog as a part of a vitreous enamel dinner set (Sears, Roebuck & Co. 1969:461). 72-73N 1-2E Surface.

20101- Cocobolo (wood) handled steel table knife. This type of utensil can trace its stylistic beginnings from the post-Civil War period. Popularity seems to have peaked circa turn of the century (Sears, Roebuck & Co. 1969:481-482) By the early 1920s they still retained a share of the market (Montgomery Ward 1969:525), but finally lost to plated wares by the end of that decade. 73.8N 1.2E Surface.

20119- Badly oxidized ferrous metal fragment which *may* have been part of a kitchen knife blade. In cross section the "blade" shape appears to have been a "V" grind (tapered evenly from the spine to the edge). Surface Collection 77.7-82.12N.

20139- Plain, undecorated, white porcelain marli sherd from a plate. Surface Collection 77.7-82.12N.

20179- Rectangular, white vitreous enamel vegetable bowl. Surface Collection 77.7-82.13N.

20180- Incomplete ferrous metal chef's spoon handle. The spoon bowl, of which only a remnant remains, was riveted to the handle. The proximal end of the handle is missing, but a semicircular cut suggests that a circular hole on that end was used for hanging. The handle measures 11 7/8" in length. Surface Collection 77.7-82.12N.

20182- Essentially complete zinc cap with opal glass liner for Mason jar. There are two bits of a red rubber jar gasket from the same provenience. Surface Collection 77.7-82.13N.

20184- Plain, undecorated white porcelain marli fragment from a plate. Surface Collection 77.7-82.13N.

20185- Plain, undecorated whiteware marli fragment from a bowl. Surface Collection 77.7-82.13N.

20186- Black floral transfer printed whiteware rimsherd from a cup. Surface Collection 77.7-82.13N.

20192- Cocobolo handled fork handle with lead bolsters. Similarly handled flatware is illustrated in the 1894-95 Wards catalog (Montgomery Ward & Co. 1970:433). Surface Collection 77.7-82.13N.

20204- Eight-flute tumbler. This general design has been in use since the 1850's (McCain 1979:348) and enjoys continuing popularity today. Technology used in creating this vessel suggests post- t.c. date of fabrication. 79.3N 2.3E Surface.

20206- White porcelain saucer sherd, original diameter estimated at 5 3/4". The saucer is decorated with 2 gilt lines at the edge and one at the perimeter of the cup well. There is no maker's mark. 81.5N 1.8E Surface.

20211- Small whiteware marli(?) sherd with a hatched blue transfer print design combined with what appears to be a floral motif. Test Unit A 82-83S 0-1W 50-60 cmbs.

20270- Blue porcelain rimsherd. Vessel configuration not determined. 23.3-25.8 Meters Outside W. Wall.

20271- Plain, undecorated whiteware sherd. Vessel configuration not determined. 23.3-25.8 Meters Outside W. Wall.

20272- Stoneware sherd with both interior and exterior surfaces Bristol slipped. 23.3-25.8 Meters Outside W. Wall.

20273- Small whiteware basal sherd with incomplete variant of the British royal arms. Not enough remains to identify the pottery. TU-I 58-59S 0-2W.

20294- Meat hook of ferrous metal fabricated to hang over a 2" beam. Provenience unknown.

20296- Butcher's steel with a lead inlaid wooden handle. The handle has a swiveled ring for hanging. An almost identical sharpening steel is listed under "Genuine Wilson Butcher's Steels" in the 1908 Sears catalog (Sears Roebuck & Co. 1969:768). Sewer Trench. Provenience unknown.

20297- Large stamped ferrous metal basting spoon. Proximal portion missing, but original length estimated to have been about 13-15". It may have been plated at one time. Sewer Trench. Provenience unknown.

20298- Carbon steel table knife with japanned ferrous metal handle. Handle has concave surfaces. Blade is stamped "Northampton Cutlery Co." on one side. The Northampton Cutlery Company grew out of the Bay State Hardware Company (founded in 1863) after its bankruptcy in 1871. Northampton was known primarily as a producer of hunting, butcher, and carving knives (Peterson 1958:165, 158). A terminal date for Northampton is not known. The firm is not to be found in current business directories. A knife similar to the FOLA artifact is illustrated in the 1902 Sears Catalog (Sears, Roebuck & Co. 1969:481). Provenience unknown.

20299- Ferrous metal table knife with a self handle. Traces of silver plating remain. Unmarked. Identical style illustrated in the 1897 Sears catalog (Sears Roebuck & Co. 1968:444).

20327- Plain, undecorated whiteware mug handle and fragment of rim. Unprovenienced.

20329- Plain, undecorated whiteware plate, 9 3/4" estimated original diameter. Transfer print mark is a royal crown, capped and underlined by ribbons reading "Royal" and "Stone China," respectively. "Maddock & Co/Burslem England, Trade Mark" is imprinted under the "Stone China" ribbon. This style of mark was dated ca. 1906+ by Godden (1964:406) (2 sherds). Unprovenienced.

20330-1- Incomplete, plain, undecorated whiteware plates (2 each) with original diameters of 9 1/2" and 9 3/4". Both bear a black transfer print facsimile of Mark #11 illustrated in Lehner's (1988:238-239) *U. S. Marks*. The Knowles, Taylor, and Knowles mark on both incorporates an eagle (ca. 1881). K. T. & K. is discussed in Barber's 1904 treatment of Ohio potteries (Barber 1976:108-109).

20332- Plain, undecorated whiteware soup plate, 9 5/8" in diameter. Incomplete impressed mark is an oval garter device enclosing a variant of the British royal arms. The right half of the garter bears the embossment "... Staffordshire Potteries". The mark has not been identified. Unprovenienced.

20383- Part of the stem and base (est. diameter 3 1/2") from a colorless glass compote-like bowl. Surface 9'-6" From NW Corner E 74'.

20385- Two body sherds from a wheel-thrown stoneware vessel. Both interior and exterior surfaces were Albany slipped. Surface 9'-6" From NW Corner E 74'.

20386- Alfred Meakin saucer and Alfred Meakin berry dish ca. 1892-1896 (Godden 1964:11, 425-426). Incomplete, plain, undecorated whiteware. Surface 9'-6" From NW Corner E 74'.

20387- Plain, undecorated whiteware plate sherd. Estimated original diameter 9". Surface 9'-6" From NW Corner E 74'.

20389- Whiteware mixing bowl, plain, undecorated. Unmarked. Measures 4 1/4" in height and 6 5/8" in diameter. Unmarked whiteware is almost invariably of American manufacture. Surface 9'-6" From NW Corner E 74'.

20390- Small white porcelain rimsherd from a plate or saucer. The edge is scalloped and bears the remnants of gilding. The sherd is decorated with shallow hatching and crosshatching which is filled with glaze. Not enough remains to identify the pattern. Sewer Trench Trash Pit 9'-6" N 74'E.

20401- Ferrous metal meat hook. Suspension end flattened and broken off. 16'-46' South End of Barracks.

20412- Whiteware marli sherd (uneven scalloped rim) with pale yellow glaze. There is an overglaze decal floral decoration in yellow, blue, orange, and green. Vessel shape is a dinner plate. Stylistically, the design dates ca. 1920-1930s. S. End of Building 16-46 Meters.

20413- Mold-formed stoneware sherd (base, heel, body). White slipped exterior, brown slipped interior. Estimated original diameter 6". S. End of Building 16-46 Meters.

20416- Tablespoon bowl and part of handle stamped from ferrous metal. A strengthening ridge is incorporated in the handle. This is an inexpensive kitchen tool which may have been tin or zinc plated originally. Sewer Trench North Side 22-255W.

20417- Complete silverplated cuprous metal table fork backstamped: "Rogers & Bros A 1." According to Davis and Deibel (1972:150) the pattern is called "Tuscan" and dates from 1874. Sewer Trench North Side 22-255W.

20468- Four sherds from a "shoulder jug" measuring 6 3/4" in diameter, 1-gallon capacity. The upper portion of the exterior shoulder is slipped in a medium brown while the interior is slipped with a darker olive brown. The exterior below shoulder is slipped in off-white. This shape and treatment dates t.c. Tefft and Tefft (1981:49-50) provide information and illustrations. Sewer Trench North Side 22-255W.

20469- Six sherds from an oval, uncovered, whiteware vegetable bowl. There is a small portion of the marli, which features at its inner margin a single line of triangular tics with the apex toward the center of the bowl. The tics are in black overglaze. Another decorative element is a broken line parallel to the tics and separated from them by about 1/8". Atop the solid portions of the broken line is the ghost of an element which resembles two vertical hair combs back to back. The bowl lacks a footring. The base is stamped: "T.S.T./Verona/China/Made in U.S.A./1910" underglaze. The mark is that of the Taylor, Smith and Taylor pottery, in business under that name 1901-72. Gates and Ormerod (1982:Figure 246a) illustrate an essentially identical mark (no numerals) suggesting a ca. 1915 date. The numerals "1910" on the Fort Laramie artifact probably indicate the year of manufacture. Sewer Trench North Side 22-255W.

20508- Sprague can opener illustrated in the 1897 Sears, Roebuck catalog (Sears, Roebuck & Co. 1968:98). Provenience Unknown.

Food Containers Cans/Jars (Home/Commercial)/Bottles/Cartons

17109- Fragments of the screw band portion of a two piece closure for a Mason jar (screw band/lid) patented by Alexander Hewitt Kerr, August 31, 1915, but not completely accepted

by the public until the end of WW II. Today it is the preferred closure for Mason jars (Toulouse 1969a:95-96).

17121- One pound butter box of pasteboard. The words "Butter", "Association", and "Nebraska," although incomplete, are legible. The 1927-1928, 1932, and 1934 county directories for Scotts Bluff County list five retail dairy products companies and a number of milk stations and small creameries. None however include the term "association" in their firm titles. This particular producer may postdate 1934. It is also possible that the product was shipped from somewhere outside Scotts Bluff county. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17199- Machine-made, continuous thread (c.t.) finish, shoulder seal Mason jar fragment. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17214- Glass "club sauce" type stopper. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17243- Screw-on bottle closure fragment with a rolled edge. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17246- Incomplete extract finish formed with a lipping tool. Colorless glass. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17307- Part of the shoulder and body of a rounded square "Kerr Glass Top" Mason fruit jar. The jar had a lightning closure and a beaded neck. Toulouse (1969b:43) dates this jar ca. 1941-1945. Part of a c.t. finish from another jar is included under this number. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17335- Evaporated milk can measuring 2 1/2" x 2 1/2". According to Rock (1980c) evaporated milk cans of those dimensions predate 1932. This can was broached with opposing knife punctures on the perimeter. A fragment of the label remains, bearing the characters "...NU..." The label is red and cream (or white) in color. The packer has not been identified. TU-15 Level 1 0-10 cmbs.

17344- Machine-made c.t. finish fragment which has an estimated diameter similar to the small-mouthed Mason jar. TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17367- Colorless glass sherd with an incomplete 5-pointed star embossment quite similar to the one used on the Knowlton Vacuum Fruit Jar. Toulouse (1969a:45) dates the Knowlton jar ca. 1903-1910. Also under this same catalog number is a jar finish with stepped shoulder which was designed to accept the Anchor Cap. This was a commercial packer's closure marketed in 1908 by Sure Seal. Anchor began manufacturing this cap in the 1920s. It remained in production until the 1960s (Bender 1986:77-79). The "tumbler-like" jar and pry-off cap were used extensively to package dried beef as well as other products. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

18026- Stepped shoulder/finish from a "tumbler" designed to accept the Anchor Cap. See entry No. 17367 above. This sherd may be from same container. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18064- Two keys for opening scored strip cans such as those formerly used to package such products as Vienna sausage and coffee. 1 key for opening tear-strip cans, i.e. sardines, etc. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18088- Incomplete aqua glass packer finish (Putnam 1965:20) fabricated with a lipping tool. This *may* have been an extract bottle. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18129- Hole-in-cap can. Method of opening not determined. Bottom has paint adhering to it. Re-cycled? 62-63S 0-1W TU-C Level 3 20-30 cmbs.

18168- Opal glass Mason jar cap liner sherd embossed "...YD..." (BOYD). Although Lewis R. Boyd patented the liner in 1869, the embossment "GENUINE BOYD MASON CAP" did not appear on it until ca. 1900 (Toulouse 1969b:91-92). TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18246- Wire bail from metal can similar to those used to package vegetable fats & lard. 5 gal. 31-32S 6-7W Level 1 0-10 cmbs.

18247- "Goldy Seal" opening tab. This closure dates from 1897 (Lief 1965:23). Although originally used on bottles, it was soon adapted to wide-mouth jars. It was especially favored by catsup bottlers. Bender (1986:37) illustrates the Goldy Seal embossed "Tear/Down" with an arrow separating the words. Identical to the Fort Laramie artifact. 31-32S 6-7W Level 1 0-10 cmbs.

18248- Disk seal component for a "Phoenix" cap, pat. 1889 (Bender 1986:26). 31-32S 6-7W Level 1 0-10 cmbs.

18371- Sanitary can fragment. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18394- Machine-made, lugged catsup bottle finish fragment in colorless glass. Also included under this catalog number is a lipping tool extract finish, neck, shoulder, and part of a body from a panel bottle in colorless glass. Estimated original 1/8 - 1/4 oz. capacity. Also under this same catalog number is a finish sherd from a machine-made, c.t., shoulder seal Mason jar. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18404- Fragmented (16 pieces) friction lid with 3/8" skirt. The original estimated diameter of the lid was 4"—about the proper size to fit a 1-lb. baking powder can. Friction lid cans were used to package a number of foodstuffs (among other products) which did not require an hermetic seal. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18445- Tin can fragments. Several end pieces exhibit an outside flange. One triangular piece indicates a crossed knife cut was the method used to open the can (for removal of solids). The flanged end suggests hole-in-cap construction. TU-6 54-55S 0-1W Level 7 60-70 cmbs.

18476- Three pieces of thin ferrous metal which appear to have been from the edge of a can over which a flanged end was once fitted. TU-G 54-55S 0-1W Level 10 90-100 cmbs.

18485- Tin can fragments. Three of the pieces bear the ghost of a flange for the top or bottom. This was a hole-in-cap can. Profile cleaning in and out of Feature at 80-95 cmbs, TU-G, Southwest corner.

18544- Screw band from self-sealing assembly for Mason Jar. Patented August 31, 1915 (Toulouse 1969b:96). Surface Feature 1 27.4-28.4N 1.9-3.4E.

18545- Sanitary can fragments. Surface Feature 1 27.4-28.4N 1.9-3.4E.

18548- Friction lid fragments from a square or rectangular ferrous metal box with rounded corners. This may or may not have been a food container. Surface Feature 1 27.4-28.7N 1.9-3.4E.

18563- C.t. finish bottle cap of ferrous metal (measuring 5/8" in diameter) which has a wire reinforced skirt, and an incomplete, oval recessed friction lid of ferrous metal such as those used on cocoa containers. Also cataloged under this same number is an incomplete screw band from a 2-piece Mason jar closure. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18564- Six pieces of a ferrous metal, 2-piece, lid/screw band closure for Mason Jar. See catalog No. 17109 above. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18592- Complete machine-made bottle with chamfered corners and a packer finish. The bottle configuration is quite similar to the "flat extract" illustrated by Putnam (1965:49). The base bears an Owens scar and the Owens Illinois trademark with the numbers 7, 4, and 2. The numeral 4 indicates that the bottle was blown in 1933. The remnants of a label are still adhering to the bottle. It is imprinted: "R. B. C./BRAND/4 Fluid Ozs./...ure/EXTRACT OF/VANILLA/10% Alcohol/...BROS. CLARKE CO." There is an almost complete cork closure in the mouth of the bottle. A dark brown extract residue is visible. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18595- Base, heel, and part of body from an 8-panel catsup bottle. It is basally embossed with the numerals "35" and an "O" within a square—the mark of the Owens Bottle Co. of Toledo, Ohio, 1911-1929. Their plant No. 1 began making catsup bottles in 1912. Since the metal has a slight amber tint, it suggests a fabrication date after the beginning of World War I (ca. 1915) when manganese, a decolorant, was no longer available from Germany. During this era (until ca. 1930) American glasshouses substituted selenium for manganese.

Both additives were unstable, and with exposure to ultraviolet light tinted amber and amethyst, respectively (Munsey 1970:55). Also included under this catalog number is an incomplete finish which appears to have been fashioned to accommodate a friction or vacuum closure (Bender 1986:66-90). Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18598- Incomplete opal glass liner for a zinc Mason jar cap. The liner was patented in 1869 (Toulouse 1969b:92). Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18599- Red rubber gasket with thumb tab for use with a Mason canning jar. The thumb tab was patented December 27, 1864 (Toulouse 1969a:91, 109). Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18602- Incomplete, dredge top spice box measuring 2 3/8" x 1 1/2". Teague (1980:104) lists a medium spice box with similar dimensions, which measured 4" in height. This can featured a circular dispenser which could have been adjusted to control the flow of its contents. Also included under this accession number are a minimum of 1 evaporated milk and 3 sanitary cans, which are too fragmentary to measure. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18754- Incomplete friction lid with 3/8" skirt. The original diameter of the lid was 3". Also included under this catalog number are bits of thin flat ferrous metal which exhibit 2 different kinds of edge treatment. One is rolled (without wire reinforcement) and 1 is folded over 1/8". The 2 seem to represent 2 additional artifacts. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18879- Three fragments of a flanged can end. Original diameter is estimated to have been 4". The flange or "skirt" measures 5/16". Also included under this catalog number are 15 pieces of thin flat metal which may have been part of this can, and a fragment of ferrous metal tubing. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18836- Cylindrical bottle of colorless glass which was blown in a three-piece mold. Diameter at base is 1 7/8". Height at shoulder is 3 7/8". The glass is quite thin and is bubbled. The bottle may have been a club sauce shape; however, it cannot be confirmed in the absence of the neck and finish. Munsey (1970:39) states that use of the three-piece mold was generally restricted to the four decades from 1870 through 1910. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18993- Incomplete and badly fragmented Hershey Cocoa (?) can. 28.4N 0.9E Surface.

19047- Finish sherd with infolded lip (tooled - not lipping tool). Pale blue tinted glass. The shape of the sherd suggests that the original vessel configuration was a (commercially packed) food bottle. S. End of Building 16-46 Meters.

19146- Rimsherd from a colorless jelly glass. Collection Unit 34-35N 5-6E Surface.

19194- Sanitary can end which was broached with a lever-blade or "Jab-Lift" (Rock 1989:210) type opener. The can end measured about 3 5/8" in diameter. Collection Unit 34-35N 6-7E Surface.

19313- Key wound scored strip from tin can. Rock (1980b) states that this method was patented in 1895. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19321- Rubber gasket for Mason jar. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19372- Two ferrous metal keys for opening scored strip cans. Surface Collection 6.5-10.5N.

19400- Incomplete hole-in-cap "tin" can. This artifact is so badly oxidized that it was impossible to estimate diameter, height, or method of broaching. Technical details such as seam execution which might have helped refine the fabrication date, were missing. Rock (1980c:1) does provide a reasonably tight "not later than" date (ca. 1920) for the hole-in-cap type of can. Surface Collection 6.5-10.5N.

19519- Sanitary can crimped seam and rim fragment. S. End Mess Room 16-21.9 Meters.

19523- White metal bottle cap with an outside diameter of 1 3/8" and a 1/2" skirt. The cap is unembossed. The wide, non-standard threading suggests a pre-1925 fabrication date. Caps such as this were commonly (though not exclusively) used on salad dressing bottles. S. End Mess Room 19-21.9 Meters.

19626- Rubber gasket for Mason jar. This gasket does not incorporate the John F. Griffen patented vacuum release thumb tab (Dec. 27, 1864) (Toulouse 1969b:109). Surface Collection 22.3-25.8N.

19663- Ferrous metal lid measuring 2 3/4" in diameter which was made to accommodate c.t. finish jar. It is lithographed in red, white and blue and is imprinted "A clever trick/in seasoning./gives a "tang"/that's Simply/delightful..!/MIRACLE/ FRENCH/ DRESSING." A modified cone shaped bottle is illustrated with a label reading "Miracle/French Dressing/Created by/KRAFT." Opposite sides of the skirt are imprinted "DO NOT FREEZE/keep away from coils/ in refrigerator." The lid was originally fitted to a jar containing Miracle Whip Salad Dressing, ca. 1950s. Surface Collection 22.8N 0.7E.

19671- Ferrous metal friction lid measuring 2 5/8" in diameter. The skirt measures 3/4". 23.3N 6.6E Surface.

19674- Continuous thread screw cap measuring about 1 1/2" in diameter with a 3/8" skirt. Such a cap *may* have been used as a cooking oil closure. Surface Collection 23.8N 5.0E.

19690- Sardine can with externally flanged top and bottom. The body of the can was lapped and soldered internally. The can does not appear to have been provided with a key.

It appears to have been broached about half way around with a knife and the flap was lifted to extract the contents. Remnants of a lithographed label are discernable, but only two characters ("...RF") can be made out. Surface Collection 24.0N 6.63E.

19798- No. 2 sanitary can (peas, corn, green beans or fruit) with approximate 2 1/2 cup capacity. The top has been completely removed with the initial version of a "Simplex" turning gear blade type can opener. The can found a secondary use as a paint container (beige paint). 34.1N 5.75E Surface.

19811- Lollipop stick(?). Rodent-gnawed. Surface Collection 36.45N 6.75E.

19817- Threaded ferrous metal cap with long skirt. It is similar to the "Wire Edge Catsup" illustrated by Bender (1986:55). This artifact exhibits a knurled top, but lacks the wire reinforcement at the bottom. 38.0N 3.7E Surface.

19822- Lid portion of the two-piece Mason jar lid/screw band closure patented (No. 1,152,107) by Kerr on August 31, 1915 (Toulouse 1969b:96). Surface Collection 39.65N 1.5E.

19835- Center portion from the bottom of a hole-in-cap can. Surface Collection 41-46N.

19870- No. 1 Tall evaporated milk can (Teague 1980:101). Top end exhibits a matchstick filler hole. The bottom end was broached with 2 knife punctures. Surface Collection 49-58.5N.

19906- Light-duty bucket bail, such as those found on small culinary lard buckets. Surface Collection 61-64.15N.

19924- Shank from club sauce type stopper. Surface Collection 61-64.15N.

19925- Two lipping-tool formed finish sherds in colorless glass from a food bottle. The finish is similar to that illustrated by Putnam (1965:203) on the "Alamo" olive bottle. Surface Collection 61-64.15N.

19991- Lap seam can with an exterior flanged bottom. The can is designed to accept a friction lid (present). Rock (1989:38) suggests that the lap seam can could still be found in the market place after the turn of the century. This artifact measures 4 3/4" in height and 2 11/16" in diameter. Baking powder is packaged in such tins. Surface Collection 65-74.6N.

19993- Hole-in-cap can top measuring 3 1/8" in diameter. It was removed with a lever blade opener. Also cataloged under this number is another hole-in-cap can top, however the edge is too oxidized to obtain an original diameter. Surface Collection 65-74.6N.

19994- External flange friction lid with remnants of gold colored lacquer on exterior surface. Government surplus commodities were often packaged in gold lacquered cans. This lid measures 5 3/4" in diameter. There is an internal friction lid measuring 5 5/8" in diameter as well as a rectangular external friction lid (spices?) included under this catalog number. Surface Collection 65-74.6N.

19995- Incomplete internal friction lid with an estimated original diameter of about 5 1/2". There is a can end which was removed with a turning gear/blade opener (improved version, post-1927) (Sudderth and Raisch 1990) and which measures 2 2/8" in diameter. Also included under this catalog number is a can end which was removed with an improved turning gear/blade opener. It measures 5 1/2" in diameter. This can end was perforated with an ice pick and a screwdriver blade (live fishing bait?). Surface Collection 65-74.6N.

20056- No. 2 short "tin" can with outside flanged ends. The top is missing, *but* there is an incomplete hole-in-cap end from the same provenience (enclosed in this bag) which may belong with the can. The thin, vertical solder line suggests a late (ca. turn of the century) fabrication date. N. End Mess Room 65-79.6 Meters.

20073- Ferrous metal, lapped seam can with a flanged bottom. The friction top has a 1/2" skirt. The lower edge of the skirt rests on a bead on the can. The can measures 3 3/4" in height with a diameter of 2 3/4". Cans of this type were used to package, among other things, baking powder, which did not require an hermetic seal. 72-73N 1-2E Surface.

20074- Friction lid of light-weight ferrous metal measuring 6 1/4" in diameter. Remnants of original transparent amber lacquer extant. 72-73N 1-2E Surface.

20103- Complete (but broken) machine-made, 16-flute catsup bottle in colorless glass with a crown finish. The base is embossed: "136/T (within an upside down triangle)/2". The triangled "T" was the mark of the Turner Bros. Co., Terre Haute, Ind. (Toulouse 1971:490).

20154- Food bottle (mustard?) cork measuring 1 5/8" in diameter and about 3/8" in thickness. Surface Collection 77.7-82.12N.

20169- Incomplete hole-in-cap top and part of the body from a 1/4-lb. scored-strip potted meat can (Rock 1989:182). The body of the can was scored 11/16" below the top. The top is recessed 1/8" and exhibits a heavy solder bead around its perimeter. The body is lap seamed (Rock 1989:37-38). Surface Collection 77.7-82.13N.

20171- Ferrous metal "key" designed to remove scored strip from can. Surface Collection 77.7-82.13N.

20195- One-half-gallon beaded seal fruit jar in blue tinted glass. Embossed "Ball/Perfect Mason". Character style dates ca. 1920 (Toulouse 1969b:7). 75.9N 6.6E Surface.

20207- No. 2 Flat sanitary can. Pineapple is packaged in this size can. This particular can was broached with a lever-type can opener. North End North Wall Mess Room.

20208- Ferrous metal friction lid. Original diameter estimated to have been 7". Edge of skirt rolled to increase rigidity. North End North Wall Mess Room.

20209- Sanitary can measuring 3 5/8" in height and 4 1/4" in diameter. The obverse is imprinted in black characters: "Contents 1 ... / Roast Beef/ Parboiled and Steam Roasted/ Armour and Company/General Offices, Chicago". The reverse has two different, incomplete embossments: "Not To Be Sold ... ", and a declaration relating to the Dept. of Agriculture inspection. The whole is coated with a gold tinted clear lacquer. This is the type of packaging used in welfare commodities distribution, and disbursements to public schools and institutions. The can was opened with an improved turning gear and blade type opener (post-1927) which is the currently preferred opener. North End North Wall Mess Room.

20214- Incomplete lipping tool-formed extract finish in pale blue tinted glass. TU-E 31-32S 6-7W Level 4 3-4 cmbs.

20240- Mason fruit jar screw band. The screw band was patented by Alexander Hewett Kerr on August 31, 1915 (Toulouse 1969b:95-96). 22.3-25.8 Meters Outside W. Wall.

20241- Sanitary can fragment. This can appears to have been about 3 1/2" in diameter, which suggests an industry standard No. 2—a size used for peas, corn, string beans, and fruits. A No. 2 can holds about 2 1/2 cups. 23.3-25.8 Meters Outside W. Wall.

20250- Three badly oxidized bits of ferrous metal which may have been part of a tin can. 23.3-25.8 Meters Outside W. Wall.

20260- Shoulder sherd from a colorless glass, gallon-sized packer (Putnam 1965:173,197). It is embossed "-----/(a centered arrow pointing to the bottom of the line)/GALLON". Vinegar and cider were among the products packaged in such vessels. 23.3-25.8 Meters Outside W. Wall.

20263- Colorless glass jar base embossed with the distinctive Hazel Atlas monogram (1920-1964) followed by the numbers "/6513/7" (Toulouse 1971:239-242). This sherd bears a valve mark most often found on wide-mouthed food containers made during the 1930s and 1940s+ (Toulouse 1969a:583). 23.3-25.8 Meters Outside W. Wall.

20300- No. 303 sanitary can designed to hold about two cups. The No. 303 is quite often used for packaging fruit juices. Sewer Trench. Provenience unknown.

20322- Two "club sauce" style glass stoppers. One has a fragment of the cork collar adhering to it. The top of one is slightly convex and the other is concave. Neither is

embossed. According to Jones and Sullivan (1986:152), the same kind of stopper has been found on bottles which packaged toilet vinegar and scotch whiskey. It has also been found as a stopper on a 1/2-pint ardent spirits flask and as a stopper in a shoo fly flask which may have contained a salad dressing. Sewer Trench. Provenience unknown.

20323- "Oval ring pepper sauce" (Putnam 1965:210) in amethyst glass. Finish missing, but technology exhibited by remainder of bottle suggests that it was formed with a lipping tool. Unprovenienced.

20326- "Tall cylinder olive" (Putnam 1965:207) in green tinted glass. Finish, neck, and part of shoulder represented. Finish formed with a lipping tool. Unprovenienced.

20361- Incomplete base from Mason jar. It bears the numerals "12" near the resting point ("foot ring"). Surface 9'-6" From NW Corner E 74'.

20362- Part of shoulder, neck and lipping tool formed oil finish in aqua glass. Unembossed. Similarly configured bottles were used by packers of olive oil. Surface 9'-6" From NW Corner E 74'.

20364- "Plain oval" prescription bottle (Putnam 1965:33) with a machine-made extract finish. Surface 9'-6" From NW Corner E 74'.

20377- Colorless glass finish, neck, and part of shoulder from a ball neck panel bottle, The extract finish was formed with a lipping tool. Surface 9'-6" From NW Corner E 74'.

20402- Two sanitary can fragments. Not enough remains to size properly. 16'-46' South End of Barracks.

20434- Badly deteriorated coffee can lid (removed with a key-wound, scored strip) and what appears to have been a crushed 1-lb. coffee can. Sewer Trench North Side 22-255W.

20435- Sanitary can fragments. Minimum number of 3 estimated. One can top was opened by cutting 2/3 of the way around with a knife blade and bending the resultant flap back. Sewer Trench North Side 22-255W.

20446- Tooled (not lipping tool) extract finish, neck, and a fragment of sloping shoulder in pale blue tinted glass. The bore accepts a No. 2 tapered cork stopper. Sewer Trench North Side 22-255W.

20496- Colorless glass bottle, "Round Extract" shape (Putnam 1965:54). It is graduated in 1/2-oz. increments to 2 oz. The extract finish was formed with a lipping tool. The body is vertically embossed "McCord-Brady/Omaha" (Figure 12a). The finish was sized to accommodate a number 1 cork. The McCord-Brady company was established in 1879 (Wakeley 1917:862) and continued in business under that name until 1936, when the

physical plant was sold to the Western States Grocery Co. (Omaha Chamber of Commerce Journal, September 1936). TU-G.

20511- This artifact is a paper label from a can of oysters packed by the Martin Wagoner Co. of Baltimore (Figure 13a). The firm was in business from 1872 until ca. 1927 (letter dated December 5, 1989, from Mary Beth Paszkiewicz, Maryland Historical Society, to W. E. Sudderth). The street address listed on the label (2315 and 2317 Boston Street) was in use from 1891 through 1897. The florid style of the art work used on the label was typical of that era. 25.3N 6.5E Surface.

Non-Culinary Fauna

17106- *Mus musculus* cf. (mouse) thoracic vertebrae and rib cage. TU-3 10-11N 2-3E Level 1 0-4 cmbs.

17122- *Scalopus aquaticus* cf. (prairie mole) L. mandible. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17199- *Mus musculus* cf. (mouse) R. mandible. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17226- Unionid mussel shell fragment. Not further identified. TU-8 23-24N 4E Level 1 0-10 cmbs.

17229- *Felis catus* (domestic cat) R. ulna, mature individual. Rodent-gnawn. Distal epiphysis broken off. L. humerus, r. tibia, and two cranial fragments from an immature individual. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17299- *Mus musculus* (cf.) (mouse) 2 crania. TU-17 42-43N 3-4E Level 1 0-10 cmbs.

18101- Unionid mussel shell fragments. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18263- *Felis catus* (domestic cat) L. maxilla, immature individual. 31-32S 6-7W Level 1 0-10 cmbs.

18308- *Felis catus* (domestic cat) rib. 0-1S 0-1W TU-F Level 4 30- 40 cmbs.

18578- Unionid mussel shell fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18606- *Felis catus* (domestic cat) complete skeleton from old individual. Re-absorption of bone is quite evident around tooth sockets in maxilla. There is a R. tibia from a large but immature cat (both distal and proximal epiphyses were unfused at demise and are missing). Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

- 18613- *Mus musculus* (cf.) (mouse) cranium. Feature 1 27.4-28.4N 1.9-3.4E Level 2 25-45 cmbs.
- 18615- Unionid (not further identified) mussel shell fragment. Feature 1 Level 2 25-45 cmbs.
- 18682- *Homo sapiens* incomplete second mandibular incisor. This tooth bore remnants of a gold filling. A part of the tooth was broken off. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18686- *Felis catus* (domestic cat). Articulated skeleton with desiccated skin fragments still adhering. Immature individual. 8.0N 2.36E Surface.
- 18722- *Felis catus* (domestic cat). Caudal vertebrae—3 each and a fibula. These elements are from a large but not fully mature individual. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18776- *Canis familiaris* (domestic dog) 8 coccygeal vertebrae, R. tibial tarsal. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-80 cmbs.
- 18821- Unidentified *Bufo* sp. (frog) bone fragments from immature individual. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.
- 18882- *Canis familiaris* (domestic dog) lumbar vertebra. Large, mature animal. Well/Cistern/Privy Feature 1 Level 8 125-145 cmbs.
- 18955- *Mus musculus* (mouse) cranium. Collection Unit 11 1-2N 3-4E Surface.
- 19045- *Felis catus* (domestic cat) L. femur. Epiphyses unfused and missing. Collection Unit 30-31N 6-7E Surface.
- 19062- *Mus musculus* cf. (mouse) cranium. 31-32N 6-7E 0-3 cmbs.
- 19115- *Ondatra zibethicus* (muskrat) L. femur, R. tibia, R. innominate (2 each).
- 19185- Debris from a rodent's nest. Collection Unit 34-35N 6-7E Surface.
- 19186- Insect (not further identified) pupal cocoon or case. Collection Unit 34-35N 6-7E Surface.
- 19217- *Felis catus* (domestic cat) lumbar vertebra. 36-37N 5.6E 0-3 cmbs Dust Zone.
- 19214- *Felis catus* (domestic cat) complete mandible. 36-37N 4-5E Dust Zone 0-3 cmbs.

19228- *Felis catus* (domestic cat) L. femur, R. femur, R. humerus, R. tibia. This was an immature animal at demise. Collection Unit 36-37N 6-7E Surface.

19235- *Citellus* sp. (ground squirrel) L. humerus. 37-38N 6-7E Dust Zone 0-3 cmbs.

19253- *Ondatra zibethicus* (muskrat) R. tibia (fibula broken off), R. femur. 39-40N 4-5E Dust Zone 0-3 cmbs.

19265- *Ondatra zibethicus* (muskrat) cranium and L. mandible. 39- 40N 6-7E Dust Zone 0-3 cmbs.

19283- *Felis catus* (domestic cat) L. and R. maxilla. 39.65N 0.7E Surface.

19332- *Felis catus* (domestic cat) R. tibia. Rodent-gnawn. 39- 40.5N 1-2E Dust Zone 0-3 cmbs.

19479- *Mus musculus* (mouse) incomplete desiccated body. Surface Collection 16-21.9N.

19559- *Equus caballus* (horse) canine tooth. Surface Collection 20N 93E.

19657- *Felis catus* (domestic cat) R. mandible and R. humerus. Also cataloged under this number is *Mephitis* sp. (skunk) cranium, L. mandible, R. mandible; *Ondatra zibethicus* (muskrat) L. tibia, R. tibia (proximal 1/4 broken off), 4 vertebrae, and L. ulna (rodent-gnawn). Surface Collection 22.3-25.8N.

19658- *Felis catus* (domestic cat) molar. Surface Collection 22.3-25.8N.

19677- *Felis catus* (domestic cat) R. humerus (immature individual). Surface Collection 23.8N-5.0E.

19708- *Felis catus* (domestic cat) L. scapula, L. humerus L. tympanic bulla, L. radius. Immature individual. 25N 5.9E Surface.

19739- *Felis catus* (cf.) (domestic cat) R. femur, immature individual. Epiphyses unfused, missing. S. End Saddlery 29.3- 34.5 Meters.

19761- *Felis catus* (domestic cat) vertebra and L. femur. Both epiphyses missing. These bones are from two different animals. Surface Collection 29.3-34.5N.

19801- *Felis catus* (domestic cat) cranium. Immature animal. Rodent-gnawn.

19809- *Felis catus* (domestic cat) R. tibia. Immature individual. Surface Collection 36.45N 6.75E.

- 19897- *Felis catus* (domestic cat) L. ulna and atlas vertebra. Surface Collection 49-58.5N.
- 19930- *Felis catus* (domestic cat) 2 unfused vertebral epiphyses. Surface Collection 61-64.15N.
- 19941- *Felis catus* (domestic cat) 2 vertebrae. Surface Collection 61-64.15N.
- 19942- *Felis catus* (domestic cat) L. ulna. Surface collection 61-64.15N.
- 20086- *Felis catus* (domestic cat) vertebra. 72-73N 1-2E Surface.
- 20087- *Felis catus* (domestic cat) R. femur, distal epiphysis unfused, missing. Shaft split, proximal epiphysis broken off. 72-73N 1-2E Surface.
- 20088- *Felis catus* (domestic cat) R. humerus. Proximal epiphysis unfused, missing. 72-73N 1-2E Surface.
- 20091- *Ondatra zibethicus* (muskrat) L. mandible. 72-73N 1-2E Surface.
- 20096- *Felis catus* (domestic cat) L. innominate. 72-73N 1-2E Surface.
- 20215- *Ondatra zibethicus* (muskrat) L. innominate. TU-4 Surface.
- 20283- Unionid (fresh water) (not further identified) mussel shell fragment. 23.3-25.8 Meters Outside W. Wall.
- 20392- *Felis catus* (domestic cat) L. femur. Surface 9'-6" From NW Corner E 74'.
- 20393- *Felis catus* (domestic cat) L. and R. tibia, epiphyses missing. Surface 9'-6" From NW Corner E 74'.

Non-Culinary Flora

- 17119- Cockleburr. Not further identified. TU-4 17-18N 2-3E Level 1 0-10 cmbs.
- 17313- Three wood fragments. Not further identified. TU-18 47-48N 6-7E Level 1 0-10 cmbs.
- 18415- Small bag of wood fragments. Not further identified. TU-G 54-55S 0-1W Level 3 20-30 cmbs.
- 18441- Small bag of partially charred wood fragments. Not further identified. TU-G 54-55S 0-1W Level 6 West 1/2 50-60 cmbs.

- 18447- Charred wood fragments. Not further identified. TU-G 54-55S 0-1W Level 7 60-70 cmbs.
- 18570- *Cucubertia foetidissima* (cf.) (buffalo gourd) stem fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18572- Cockleburr. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18583- Wood fragment. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18585- Twenty-nine wood fragments. Not further identified. One of these fragments is a short tree branch section with both ends sawn. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18727- Twelve wood fragments. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18728- Six pieces of tree root epidermis. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18771- Four bits of wood. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18787- Twelve bits of wood. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.
- 18888- Bag of wood fragments. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18910- Small bag of charred wood fragments. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.
- 18928- Six small pieces of wood. Not further identified. Feature 1 North Wall Profile.
- 19009- Sliver of wood. Not further identified. Collection Unit 30-31N 4-6E Surface.
- 19042- Cockleburr. Not further identified. Collection Unit 30-31N 6-7E Surface.
- 19043- Pine cone. Not further identified. Collection Unit 30-31N 6-7E Surface.
- 19153- One bit of wood. Not further identified. Collection Unit 34-35N 5-6E Surface.

- 19054- *Xanthium pennsylvanicum* (cocklebur) seed. TU-14 31-32N 6-7E 0-3 cmbs.
- 19165- Two unmodified scales from a pine cone. Not further identified. Collection Unit 34-35N 5-6E.
- 19200- Wood sliver. Not further identified. Collection Unit 36-37N 4-5E Surface
- 19224- Pine bark. Not further identified. A sliver of wood is also included under this catalog number. Collection Unit 36-37N 6-7E Surface.
- 19237- Two pieces of charred wood. Not further identified. 37-38N 6-7E Dust Zone 0-3 cmbs.
- 19244- One piece of charred wood. Not further identified. 38-39N 4-5E Dust Zone 0-3 cmbs.
- 19249- Acorn (not further identified) shell. Rodent-gnawn. 38-39N 6-7E Dust Zone 0-3 cmbs.
- 19361- Pine bark. Not further identified. Surface Collection 1-6.5N West Wall.
- 19427- Twelve bits of decayed wood. Not further identified. Surface Collection 10.5-16N.
- 19483- Fourteen bits of wood. Not further identified. Surface Collection 16-21.9N.
- 19634- One bit of bark and 12 bits of wood. Not further identified. Surface Collection 22.3-25.8N.
- 19643- Bark fragment. Not further identified. Surface 22.3-25.8N.
- 19646- Acorn (not further identified) shell. Surface Collection 22.3-25.8N.
- 19685- Plant stem. Not further identified. Surface Collection 23.8-24.7N 0.7-3.54E.
- 19707- *Xanthium pennsylvanicum* (cocklebur) seed. Rodent-gnawn. 25N 5.9E Surface.
- 19760- One bit of wood. Not further identified. Surface Collection 29.3-34.5N.
- 19808- Four bits of pine bark. Not further identified. Surface Collection 36N 4.15E.
- 19931- Acorn (not further identified) shell. Rodent-gnawn. Surface Collection 61-64.15N.
- 19935- Seven bits of wood. Not further identified. Surface Collection 61-64.15N.

- 20040- Two bits of wood. Not further identified. Surface Collection 65-74.6.
- 20149- Plant stem. Not further identified. Surface Collection 77.7-82.12N.
- 20280- Small bag of wood fragments. Not further identified. TU-1 58-59S 0-2W.

Beverage Related Artifacts

- 17118- Two "wine" bottle corks. Both exhibit corkscrew marks. One has the numerals "96" imprinted on one end. TU-4 17-18N 2-3E Level 1 0-10 cmbs.
- 17131- Incomplete green glass beer finish. TU-5 19-20N 1-2E Level 1 0-10 cmbs.
- 17132- Black glass (dark green) bottle base, heel, and body fragment. Ale(?) bottle. Munsey (1970:37) suggests that the popularity of black glass (for beverage containers) began to wane by mid-nineteenth century. 19-20N 1-2E TU 5 Level 1 0-10 cmbs.
- 17134- Three crown caps with virgin cork liners. The only complete cap of the 3 exhibits 31 corrugations in the skirt. 19-20N 1-2E TU 5 Level 1 0-10 cmbs.
- 17148- Incomplete machine-made crown finish in colorless glass. TU-6 22-23N 0-1E 0-10 cmbs.
- 17159- Incomplete Goldy cap. The Goldy cap was a tear off aluminum capsule with a cork-lined, tin-plated seal beneath. It was marketed in 1897 as a closure for bottles (Lief 1965:23). Closures for wider mouth containers followed shortly. Reclosure disks which allowed a friction seal under the Goldy cap were introduced in 1929 by the Aluminum Seal Co. Goldy seals were marketed at least as late as the 1950s (Bender 1986:34-35). TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17161- Lead foil wine bottle capsule embossed: "Italian Swiss Colony/Asti/&/Madera/Cal." There are remnants of reddish orange paint still discernable on the capsule. Neither the United Vintners, Inc., which produced Italian Swiss Colony nor the brand itself seems to have survived. Neither is listed in any of the current corporate directories. However, it was listed as recently as 1982 in the *Trade Names Dictionary* (Gale Research Company 1982:532). Wines bearing the Italian Swiss Colony brand name were inexpensive and pedestrian. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17173- Baltimore loop seal, ca. 1885-1915 (Bender 1986:19). TU-6 22-23N 0-1E 0-10 cmbs.
- 17174- Four "wine" bottle corks. One has an illegible brand name stamped in black script. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17194- Crown caps: 7 complete and 1 incomplete. The complete caps have 21-crimp skirts. One cap has the remnants of a virgin cork liner. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17196- Lead foil capsule embossed with a representation of Atlas bearing the world on his shoulders. The words "NORTH AMERICA" are arced on the upper portion of the globe which is flanked by "TRADE" and "MARK". The whole is enclosed within a ticked circle measuring about 1" in diameter which suggests that it was used over the neck of a beverage bottle. The only firm listed in the *Trade Names Dictionary* incorporating North America in its title is the North America Wines Corporation, 57-02 48th Street, Maspeth, N. Y., 11378 (Gale Research Company 1982:746). Maspeth is a town on Long Island. In correspondence from Mariam Touba, the Reference Librarian of the New York Historical Society, we learn that the North America Wines Corporation was a wholesaler in business in Maspeth until about 1970. The Firm was listed in the 1969-70 Queens White Pages but not in the 1971-1972 edition, which was the next nearest issue in the Society's collection. The firm name did not appear under "Wine and liquor, wholesale" in the *Trow Business Directory of the Borough of Queens ...1912, volume X*, the earliest directory for that part of Queens in the Historical Society's possession. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17242- Two complete crown caps with virgin cork liners. There are 21 crimps in the skirts. There are also 2 virgin cork liners without caps with the same number. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17247- Incomplete beer finish formed with a lipping tool and two body sherds, all in amber glass. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17249- One "wine" bottle cork. No brand name or trademark stamp. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17256- Nine virgin cork crown cap liner fragments and remnants of crown caps. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17263- Eighteen corks or cork fragments. All but 1, a tapered cork, were "wine" bottle closures. None have brand name stamps. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17266- Lead foil wine bottle capsule. Ticking in low relief was used to enclose brand name information. Unfortunately, the only character discernable was an upper-case "B." One piece of the capsule exhibits red paint. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17336- Three crown caps exhibiting 21-crimp skirts. Liners are missing from all three. One of the caps has the remnants of a lithographed label reading "CO...NZOAT...A/ ("Crushy" trademark)/Orange/Crush/Soda/CONTAINS CARBONATED WATER/ ORANGE JUICE FLAVOR OF PEEL/FRUIT ACID/COLOR ARTIFICIAL". Orange Crush was introduced to the public in Chicago in 1916. The "Crushy" figure began to appear on

bottles after 1928, but a design patent was not applied for until 1935 (Morgan 1987:120). TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17376- Incomplete brandy finish in amethyst glass. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17396- Crown cap fragment. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

18009- Lipping tool brandy finish in colorless glass. The bore is ledged to accept a cork collar and glass stopper. The configuration (with a ring at the base of the neck) is quite similar to the "eagle" flask (Putnam 1965:178). TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18063- Crown cap with 21 crimp skirt. 21 crimps were standardized for the crown (bottle) cap during the 1920s (Bender 1986:22-24). Liner missing. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18073- Thirty-five pale blue tinted bottle sherds representing at least two beer bottles. Surface Collection 65-79.6N.

18074- Two amber glass bottle bases represented by 5 sherds. The bases measured about 3" in diameter originally. Both are embossed "WF & S Mil", the mark of William Franzen & Son, Milwaukee, Wisc., 1900-1929 (Toulouse 1971:336-338). Toulouse states in his short history of the company that the factory's most important customers were the Milwaukee breweries. The Franzen glasshouse appears to have been another victim of prohibition. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18075- One complete lipping tool crown finish and neck from an export beer (Putnam 1965) in amber glass. 1 incomplete lipping tool crown finish in amber glass. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18077- Light green bottle finish which was formed with a lipping tool. The finish shape is the less exaggerated version of the "soda" or "blob top" which was quite often found on mineral water bottles. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18079- Cylindrical bottle base fragment of colorless glass. It bears the horizontal "diamond" mark enclosing an upper case "I" which was used by the Illinois Glass Co., Alton, Ill., 1916-1929 (Toulouse 1971:264). This *may* have been a beer bottle.

18080- Three machine-made crown finish/neck fragments in colorless glass. 1 lipping tool crown finish/neck fragment in colorless glass. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18085- "Mikado" flask (Putnam 1965:169). Base, heel, and part of body in amethyst glass. Base is embossed with the numeral "2". TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18087- Green bottle glass sherd fabricated in a turn mold. Turn mold bottles were popular with vintners ca. 1889-1910 (Munsey 1970:59).

18105- Heel and part of base from a "Cummings" flask (Putnam 1965:166).

18105- Mineral water type lipping tool finish in green glass (see entry No. 18077). TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18134- Amber glass (beer?) bottle base embossed "WF ..." The mark may have been "WF & Sons"—William Frank & Sons of Pittsburgh, Pa., 1866-1876—or "WF & S/MILW" - William Frantzen & Son, Milwaukee, Wis., 1900-1929. The bottle was blown in a post bottom mold. Toulouse (1971:536-538) illustrates both the Frank and Frantzen marks. The letter placement on the basal fragment suggests that it was a product of the Pittsburgh glass house. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18138- Tooled (not lipping tool) beer finish in emerald green glass. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18158- Incomplete crown cap represented by 3 fragments. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18162- Sanitary can end and part of body. The can (about 1 3/4" in diameter) may have originally held an individual fruit juice serving. It was reused as a container for a petroleum product, possibly grease. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18170- One lipping tool brandy finish and 1 lipping tool beer finish (Herskovits 1978:5) in amber glass. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18254- Crown finish fragment of colorless glass. Fabrication method not determined. 31-32S 6-7W Level 1 0-10 cmbs.

18461- One lipping tool brandy finish, complete shoo fly flask with a 25-oz. capacity. Colorless glass. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18467- Body sherd from a large shoo fly flask. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18479- Thirty colorless glass bottle sherds of which most appear to have been from a shoo fly flask of pint size or larger. Also included under this catalog number is 1 bottle sherd of green glass and one lump of glass which was subjected to high heat. TU-G 54-55S 0-1W Level 10 90-100 cmbs.

18481- Lipping tool brandy finish, shoulder, and part of body in colorless glass from a pint-sized or larger shoo fly flask. Another incomplete lipping tool brandy finish in colorless glass is included under this catalog number. TU-G 54-55S 0-1W Level 10 90-100 cmbs.

18488- Three incomplete shoo-fly flasks (Putnam 1965:177). Two of the flasks have lipping tool brandy finishes. All appear to be of the same size. The most complete of the 3 has a capacity of 26 oz. The shoo fly shape dates 1880-1913, according to Berge (1980:88-89). 54-55S 0-1W TU-G 80-95 cmbs.

18594- Twenty-seven amber glass beer(?) bottle fragments which represent at least 2 different bottles. One of these has an incomplete base marked "D. O. C."—D. O. Cunningham Glass Co., Pittsburgh, Pa., 1882-1937. The Cunningham products included ginger ale, mineral water, and beer bottles. According to Toulouse (1971:163), an amber glass furnace was installed ca. 1903—a "not earlier than" date for this artifact. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18600- Lead foil capsule which may have covered the neck and finish of a wine or ardent spirits bottle. The top is embossed with a royal crown surmounted by a cross. The packer has not been identified. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18671- Twenty amber glass sherds, which appear to be from same export shape beer bottle (Putnam 1965:250). Also included under this catalog number are 4 colorless glass sherds from an ardent spirits bottle with an estimated capacity of 1 pint. Mold seams from the body and shoulder/neck areas of this bottle suggest that it was not machine made. Body and heel/base sherds compare favorably with the mikado flask (Putnam 1965:169) configuration. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18684- "Wine" bottle cork. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18740- Lipping tool beer finish in green glass. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18744- Two body/shoulder/neck sherds from a 3-piece mold (w/dip mold body). This bottle is of thin, colorless metal. Munsey (1970:39) suggests that this type of mold was used primarily during the 1870-1910 period. Jones and Sullivan (1986:30) state that the mold dates from the 1820s through the 1830s and that it was used extensively for the packaging of alcoholic beverages during the first quarter to the first half of the nineteenth century. They go on to say that by the middle to the late nineteenth century the products packaged in the 3-piece mold bottle were more likely to have been pharmaceuticals, toiletries, and inks rather than alcohols. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18764- Incomplete crown cap with long skirt. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18808- Crown cap with 22 corrugations in the skirt and a virgin cork liner. The former feature suggests a pre-ca. 1920 date (Bender 1986:22), while the latter militates a pre-1909 fabrication date (Lief 1965:25). Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18835- Lipping tool brandy finish in amber glass. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18837- "Black" glass champagne beer (Putnam 1965) shape bottle which is complete except for missing finish. There is a pushup in the base with a small mamelon. The upper-case characters "X" and "K" flank the mamelon. The glasshouse has not been identified. This bottle was blown in a Ricketts-type mold (Jones and Sullivan 1986:29-30). Numerous bubbles are captured in the metal. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18838- Medium green ardent spirits bottle which was blown in a dip mold. The finish is broken off. The bottle shape most nearly matches Putnam's (1965:152) illustration of the Tom Gin bottle. The ghost of a capsule is apparent on the neck, and the remnants of a paper label are extant on the body. The label has a pale gold background imprinted in black. The major element on the label is composed of two side by side circles with a third circle centered and superimposed over the two. The characters within the third circle suggest that they represent the obverse, and the left and right halves of the reverse side of a medal awarded to the product which this bottle packaged. The characters are: "...HIBITION/...DCCCLXXVI" which originally read "...EXHIBITION/MDCCCLXXVI." The characters MDCCCLXXVI are the Roman numerals 1876—the year of the American centennial world's fair at Philadelphia in 1876. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18842- Incomplete lipping tool brandy type finish and part of the neck in amber glass. There are 2 other neck sherds, of which 1 may belong with the same vessel. The other is from a similar bottle. Also under this accession number are 9 body sherds which may belong with the finish. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18844- Lipping tool beer finish in amber glass. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18845- Amber glass beer bottle base (Figure 12c), heel, and part of body. This bottle was blown in a post bottom mold and bears the following embossment: "+/I. G Co/3." The cross is drawn in the formée style (arms narrow at the center and wider at the ends, with the ends squared off). Toulouse (1971:261, 264) illustrates 2 marks which are similar, but not identical. Both lack the cross and do not have the period after the "I" nor the line under the "o" in "Co." The first mark was that of the Ihmsen Glass Co., Pittsburgh, Pa. (ca. 1870-1895), and the other, that of the Illinois Glass Co. (ca. 1880-1900). The base measures 3" in diameter. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18889- Wooden bung with remnants of a cut nail driven through the center. It measures about 1 1/4" in diameter and 7/8" in thickness. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs,

18920- Incomplete crown cap. Feature 1 North Wall Profile.

19032- "Wine" bottle corks: one imprinted "B ..." in script; one, no imprint discernible. 32-33N 4-5E 0-3 cmbs Dust Zone.

19131- Two "wine" bottle corks. No trademark. Collection Unit 34-35N 4-5E Surface.

19139- Long-skirted crown cap with 21 crimps and a composition cork liner. The exterior surface of the cap bears traces of cuprous plating. Collection Unit 34-35N 5-6E Surface.

19311- Lacquered aluminum disk which may have been one element in a bottle closure. 39-40.5N 1-2E Dust Zone 0-3 cmbs

19322- "Wine" bottle cork stamped with brand name. No longer legible. 39-40.5 1-2E Dust Zone 0-3 cmbs.

19343- Finish, neck, and part of shoulder from quart sized ardent spirits bottle. Brandy finish was formed w/lipping tool. 61-62N 1-2E Surface.

19375- Long-skirted crown cap with 21 crimps. Surface Collection 6.5-10.5N.

19399- Two complete long-skirted crown caps with 21 crimps and virgin cork liners. Five incomplete long-skirted crown caps with virgin cork liners. One long-skirted crown cap fragment. Surface Collection 6.5-10.5N.

19406- One incomplete brandy finish in amethyst glass. Method of manufacture could not be determined. Surface Collection 6.5-10.5N.

19426- "Wine" bottle cork. No brand name or trademark. Surface Collection 10.5-16N.

19442- Two "wine" bottle corks. Neither bears a brand name or trademark. Surface Collection 16-21.9N.

19454- Corkscrew. This corkscrew appears to have once been a part of a "King" or "Yankee" configuration can opener/corkscrew combination. The proximal end of the corkscrew shank exhibits the beginning of what was originally a full bend around a securing rivet at the distal end of the loop handle of the can opener. When not in use, the corkscrew could be folded into the loop handle. Rock (1989:209-210) illustrates both openers. Surface Collection 16-21.9N.

19460- Incomplete, long-skirted crown cap with complete virgin cork liner. Surface Collection 16-21.9N.

19493- Two convex colorless glass sherds with pebbled (one side only) areas. Remnants of gold leaf and black paint on one side. These fragments are part of a reverse painted advertising sign. Ardent spirit and beer signs of this type were popular at the turn of the century. S. End Mess Room 19-21.9 Meters.

19524- One complete crown cap with 21 corrugations in skirt. Suggests (but does not unequivocally verify) post-ca. 1920 date. Number of corrugations in crown cap skirt standardized in 1920s (Bender 1986:22-23). 3 incomplete crown caps. Two of these exhibit a virgin cork liner. Granulated cork liners were not introduced until 1908 (Bender 1986:24). Remnants of a lithographed design (post 1900) (Lief 1965: 25) remain on one of the incomplete caps. S. End Mess Room 16-21.9 Meters.

19532- One composition cork cap liner, 1 1/16" diameter. 1 virgin cork cap liner, 7/8" diameter. S. End Mess Room 16-21.9 Meters.

19538- Complete Eagle flask (Putnam 1965:178) in colorless glass. The heel on one side is embossed: "12 FLD. OZ'S", suggesting a pre-prohibition fabrication date (between 1904 and 1919), if indeed it held ardent spirits. The bottle was machine made and bears the distinctive Owens scar on the base. The base is embossed with the numerals "372" within a horizontal diamond. The glasshouse has not been identified. Surface Collection 17.1N 2.7E.

19542- Complete crown cap with a virgin cork liner but lacking a spot. The long skirt exhibits 21 crimps. This cap was lithographed in yellow, gold, red, and green; and the design (which is too fragmentary to identify) is outlined in black. Crown cap lithography postdates 1900. The absence of a spot crown *could* suggest a fabrication date of pre-1916 (Lief 1965:25-26). Surface Collection 17.7N 2.1E.

19566- Crown cap with a virgin cork disk liner. The number of crimps in the skirt were not counted (incomplete). S. End Day Room 22.3-25.8 Meters.

19616- Lipping tool finish and part of neck in colorless glass from an export beer (Putnam 1965). The finish has an attached 21-crimp crown cap attached. The liner appears to be virgin cork. No foil spot crown liner present. Surface Collection 22.3-25.8N.

19618- Shoulder and remnant of the neck from a quart-size, amber colored, ardent spirits bottle (2 sherds). Also under this catalog number are 5 thick body and heel sherds from a champagne bottle. Surface Collection 22.3-25.8N.

19649- Twenty "wine" bottle corks. None are stamped; however, one has the numeral 7 impressed on either end. Also cataloged under this number are 6 tapered corks which may or may not have served as flask closures. Surface Collection 22.3-25.8N.

19664- One "wine" bottle cork. This cork was stamped, but it is no longer legible. Surface Collection 22.8N-0.7E.

19667- Complete "shoo fly" flask (Putnam 1965:177) blown in a cup bottom mold from colorless glass. The bottle has a lipping tool finish and an intact size No. 4 cork closure. One side of the flask exhibits a snap "arm" impression. Surface Collection 23.05N 2.75E.

19676- Incomplete tapered cork closure about No. 5 size. This cork *may* have been an ardent spirits flask closure. Surface Collection 23.8N 5.0E.

19682- Thirty-three crown caps, all of which exhibit virgin cork liners without "spot" crowns. Four of the caps have remnants of lithographed designs. One is embossed along the perimeter in black characters on a yellow ground "*ROOT*/BEER." Encircled in the center is "ARTIFICIAL/FLAVOR AND/COLOR." The asterisks represent 5-pointed stars. Two of the caps depict an anthropomorphic figure seated on the edge of a 4-legged stool with the right leg crossed over the left. The jacketed figure appears to be wearing a brimmed hat and short boots. The figure is gray on a yellow ground. There is no lettering. The fourth cap is embossed in red characters on a cream ground "...N(?)OR...*...CHERRY(?).../...T CO..." Again the asterisk represents a 5-pointed star. The complete caps in this lot all exhibit 21-crimp skirts, suggesting a fabrication date no earlier than the 1920s (Bender 1986:22). Surface Collection 23.6-24.7N 0.7-3.5E.

19684- Incomplete, lipping tool formed, brandy finish. Surface Collection 23.8-24.7N 0.7-3.54E.

19686- Forty-six "wine" bottle corks. Two of these corks are imprinted "COORS/GOLDEN." One of the corks was removed from the bottle with a corkscrew, while the other exhibits neither tool marks nor wire-on impressions. According to a spokesman for the Coors Brewery (telephone conversation between Brad Baker and Ed Sudderth, August 27, 1990) Coors Golden (after the color of the product and the name of the town in which it was brewed) was the first brand name used by the brewery. Initially the brewery was a partnership between Adolph Coors and Jacob Schueler. They used the intertwined characters "C" and "S" as a trademark. The first beer was produced in 1874, but quite likely was not distributed beyond a 50-mile radius until Coors bought the Schueler portion of the business in 1880. During the 1870s and 1880s refrigeration machines capable of making ice or cooling an air space became generally available (Downard 1980:157-158). One suspects that the wider distribution of Coors was dependent on those innovations, since it was and remained (until recently) an unpasteurized and unfiltered product. Coors first used the crown cap closure in 1905. This information

suggests that the stamped cork may date somewhere between ca. 1880-1905. Surface Collection 23.8-24.7N 0.8-3.54E.

19714- "Wine" bottle cork. No brand name imprint evident. Surface Collection 25.85N-2.7E.

19715- "Wine" bottle cork. No brand name imprint evident. 28.85N 27E Surface.

19721- Hershey Cocoa can fragments with remnants of the paper label extant. 28.4N 0.9E Surface.

19863- Two 21-crimp, long-skirted crown caps. No lithography remains. Cork liners are missing. Surface Collection 49-58.5N.

19883- Lipping tool beer finish in amber glass. Included under this catalog number is an incomplete lipping tool crown cap finish in colorless glass. Also under this same number is a colorless glass quart beer bottle sherd. Technology suggests a date no later than the turn of the century. Surface Collection 49-58.5N.

19888- Flat-topped, mushroom, shaped cork closure for effervescent wine. The top of the cork is stamped "8-C". There is a wire impression across the top. Two other incomplete "wine" bottle corks are included under this catalog number. Surface Collection 49-58.5N.

19923- Two small fragments from a crown cap. Surface Collection 61-64.15N.

19933- "Wine" bottle cork stamped "BUDWEISER/L369". This cork was removed with a corkscrew. Budweiser Beer was bottled using cork closures exclusively from 1883 to 1902. The cork was secured by passing a wire over a metal disk which covered the top of the cork, wrapping it around the lower margin of the finish, and then twisting the two ends together. The metal disk prevented the wire from cutting into the cork. In 1903, a decade after it was patented, the crown cap came into use along with the cork to seal Budweiser beer bottles, but it did not replace the cork entirely until after 1917 (telephone conversation between William J. Vollmar, Archivist for Anheuser-Busch, Inc., and W. E. Sudderth, September 5, 1990). According to Dr. Vollmar, Anheuser-Busch gave away a combination wire snip and corkscrew to open the corked Budweiser bottles. Surface Collection 61-64.15N.

19971- Cork fragment with corkscrew hole. Diameter 3/4". N. End Mess Room 65-74.6 Meters.

19972- Six "wine" bottle corks. Not imprinted. N. End Mess Room 65-74.6 Meters.

20008- Incomplete long-skirted crown cap. Surface Collection 65-74.6N.

- 20019- Lipping tool formed brandy finish in colorless glass. Surface Collection 65-74.6N.
- 20036- One complete (broken in two pieces) and 1 incomplete "wine" bottle cork. No stamps. Surface Collection 65-74.6N.
- 20037- Wooden barrel bung. Surface Collection 65-74.6N.
- 20068- Complete shoo fly flask with a six-fluid-ounce capacity blown in colorless glass. The brandy finish was formed with a lipping tool. The bore was designed to accept a No. 4 tapered cork. Surface Collection 66.9N 1.9E.
- 20102- Complete shoo fly flask with cork closure in place. The bottle is estimated to have a 12-fluid-ounce capacity. It was blown in colorless glass and has a brandy finish formed with a lipping tool. Surface Collection 74.5N 5.5E.
- 20140- Incomplete "wine" finish made from stoneware. The appearance of this sherd suggests that it was subjected to near molten level heat. It is highly vitrified. 77.7-82.12N.
- 20154- Three "wine" bottle corks—2 complete and 1 incomplete. One of the complete corks is stamped: "SF OS". Surface Collection 77.7-82-12N.
- 20168- Three long-skirted, complete crown caps. 2 of these have virgin cork liners and 1 has a composition cork liner (post-1909) (Lief 1965:25). The cap with the composition liner also exhibits a 22-crimp skirt which predates the ca. 1920 standardization (21 crimps) designed to prevent jamming of the automatic capping machine feeding mechanisms. Also included under this catalog number are 5 incomplete crown caps with remnants of virgin cork liners. Surface Collection 77.7-82.3N.
- 20188- Incomplete crown finish in colorless glass formed with a lipping tool. Surface Collection 77.7-82.3N.
- 20203- Pint ardent spirits bottle in dark amber glass which packaged Seagram's Five Crown blended whiskey. The brand was first marketed in 1934. The amber bottle was introduced in December 1941, and although production of Seagram's Five Crown ceased early in 1942, reserves were distributed until 1946 (letter on file, MWAC, dated Feb. 21, 1989, from F.S. Skelton, The Seagram Museum, Ontario). 79.2N 2.0E Surface.
- 20256- Amber glass bottle sherd embossed: "...AW..." The original sentence read: "Federal law prohibits sale or reuse of this bottle". That embossment was mandatory on ardent spirits bottles marketed in the United States 1932-1964 (Firebaugh 1983:18). 23.3- 25.8 Meters Outside W. Wall.
- 20262- Colorless glass brandy finish formed with a lipping tool. 22.3-25.8 Meters Outside W. Wall.

20320- Crown finish complete with cap. The cap exhibits 21 skirt corrugations. Although the finish was formed with a lipping tool, the number of corrugations suggest a possible ca. 1920s date of fabrication for the cap (Bender 1986:22). There is no foil disk attached to the cork liner of the cap. The foil disk was introduced in 1916, but may not have gained universal acceptance until some time later. The cap liner is virgin cork, yet composition cork had come into use as early as 1909 (Lief 1965:25). Unprovenienced.

20321- Ardent spirits bottle with the embossment: "Full Half Pint" arced on one side below shoulder. Machine-made. Finish designed to accept a cork shell and a club saucer-type glass stopper (missing). Brandy finish "Mikado flask" shape (Putman 1965:169). Amethyst tint. Owens scar on base. Numerals "60" to right of Owens scar. Pre-WW I fabrication date. Sewer Trench. Provenience unknown.

20324- Brandy finish and neck in colorless glass. Handmade. The neck exhibits 9 cut panels (cutting wheel striations are visible). This was one of the high quality decanters which graced the back bar when whiskey was still drawn from the barrel (ca. 1875-1920) (Munsey 1970:165). Unprovenienced.

20328- Ceramic bottle with sloping shoulders. Finish missing. Lower portion is cream colored. Upper portion (from shoulder) is light brown. The heel bears an upside down impressed "L". The glass-like glaze suggests late fabrication (ca. turn of the century) when pottery bottles were going out of style (Munsey 1970:134). Original contents—ale. Unprovenienced.

20363- Amber glass brandy finish (Herskovits 1978:Figure 3c 2) formed with a lipping tool. Ardent spirits. Surface 9'-6" From NW Corner E. 74'.

20366- Amber glass bottle base, heel, and part of body. This bottle was blown in a cup bottom mold. There is an incomplete embossment on the base which reads: "...U(?)L(?)I(?)M." The mark has not been identified. This bottle was blown in a cup bottom mold. The appearance of the glass suggests late nineteenth-century fabrication. Beer(?). Sewer Trench Trash Pit 9.5N 74E.

20367- Amber glass base, heel, and part of body from a turnmold bottle. Munsey (1970:59) states that turnmold bottles were in extensive use by the wine industry 1880-1910. Surface 9'-6" From NW Corner E 74'.

20368- Base and heel fragment from an amber beer bottle. No markings. Surface 9'-6" From NW Corner E 74'.

20369- Amber glass body sherd fabricated in a turnmold ca. 1880-1910. Process used extensively for manufacture of wine bottles (Munsey 1970:40).

20370- Black glass (dark amber) ale bottle base, heel, and part of body. Crudely blown in what appears to have been a dip mold with a pushup. The pushup bears a mamelon and 4 convex circles at the edge of the pushup which are slightly larger, individually, than the mamelon. Surface From NW Corner 9.5N 74E.

20371- Green glass body sherd from wine bottle. Method of manufacture not determined. Surface 9'-6" From NW Corner E 74'.

20372- Amethyst base, heel and part of body from 1/2-pint ardent spirits bottle. The bottle was machine made and bears an Owens scar. A horizontal diamond enclosing the numerals "106" is outlined in low relief on the base. Several glass houses used the diamond symbol, but this particular mark has not been identified. Surface from NW Corner 9.5N 74E.

20373- Colorless glass bottle (Beer?) body sherd. Appearance suggests late nineteenth century fabrication. Surface from NW Corner 9.5N 74E.

20374- Base, heel, and body fragment from colorless glass beer bottle blown in a cup bottom mold. Appearance of metal suggests late nineteenth-century fabrication. Base bears the numeral "4". Surface from NW Corner 9.5N 74E.

20375- Amber glass heel and body sherd from an ardent spirits bottle. Technology suggests late nineteenth-century fabrication. Surface from N.W. Corner 9.5N 74E.

20376- Colorless glass body/heel fragment from a beer(?) bottle. Sewer Trench Trash Pit 9.5N-74E.

20377- Two pale green glass wine(?) bottle sherds. Sewer Trench Trash Pit 9.5N-74E.

20379- Amber glass shoulder sherd from an export beer(?) bottle. Sewer Trench Trash Pit 9.5N 74E.

20407- Colorless brandy finish, neck, and part of shoulder from an ardent spirits bottle. Machine-made. Leach Line Trench South End 16'-46'.

20409- Green glass wine bottle sherd (base, heel, body) fabricated in a turn mold (1880-1910) (Munsey 1970:59). Shallow pushup. S. End of Building 16-46 Meters.

20410- Colorless glass beer(?) bottle sherd from body/shoulder area. Leach Line Trench South End 16'-40'.

20411- Colorless glass beer(?) bottle body sherd. This is from a different bottle than 804. Leach Line Trench South End 16'-46'.

20445- Colorless neck, shoulder, and part of crown finish from an export beer. The finish was formed with a lipping tool. Sewer Trench North Side 22-255W.

20447- Colorless glass, lipping tool formed brandy finish, neck, and a part of the shoulder and body from a small (1/2 pint?) shoo fly flask (Putnam 1965:177). The bore accepts a No. 3 tapered cork stopper.

20448- Colorless glass export beer bottle neck and finish complete with crown cap. The skirt exhibits 21 corrugations. Composition cork liner. Sewer Trench North Side 22-255W.

20449- Colorless glass, quart-capacity, champagne beer shape, represented by part of crown finish, neck, shoulder, and body. This bottle was machine made. Sewer Trench North Side 22-255W.

20450- Twelve sherds from a colorless glass champagne beer blown in a cup bottom mold. The base is embossed "W F & S/ MIL"—the mark of William Frantzen & Son, Milwaukee, Wisc., 1900-1929 (Toulouse 1971:536-537). This bottle has a double bead finish formed with a lipping tool. It was designed to accept a No. 5 tapered cork. A capsule ghost is still evident on the neck. Sewer Trench North Side 22-255W.

20451- Seven sherds from a quart-size, amber glass ardent spirits bottle. Handmade. Represented by neck, shoulder, body, and basal fragments. There are remnants of a lead foil capsule on the neck. The base is embossed with an upper-case "D". Although the glasshouse has not been unequivocally identified, it may have been Davey & Moore, Ltd., Brimsdown, Middlesex, England. The company was in business from ca. 1870 to 1900. Hand blowing continued, at least to some extent, as late as the 1930s (Toulouse 1971:153-154).

20452- Base, heel, and part of body from a machine-made, pint-size, oval, ardent spirits flask blown in colorless glass. The base bears an Owens scar and a horizontal diamond with the numerals "106" centered in the diamond. This bottle may have been the product of the Diamond Glass Co., Royersford, Pa., 1888 to date (Toulouse 1971:550-552). Sewer Trench North Side 22-255W.

20453- Pale blue tinted export beer bottle represented by base, body, and part of shoulder. This bottle was blown in a cup bottom mold. Heavy vertical seams suggest that automatic bottling machine (a.b.m.) not used in manufacture (no ghosting). The heel is embossed "O - N 19." The mark has not been identified. Sewer Trench North Side 22-255W.

20454- Colorless glass bottle body and heel fragment. Machine made. Embossed at heel: "...E QUART". Beer(?). Sewer Trench North Side 22-255W.

20455- Colorless glass, machine-made, bottle base, heel, and part of body. Blown in a post bottom mold. Base bears an Owens scar and an embossed "F 2". The heel bears the

numerals "375". The mark has not been identified. Beer(?) bottle. Sewer Trench North Side 22-255W.

20456- Six body/shoulder sherds from a pale blue tinted beer bottle. Unembossed. Technologically it appears to date from late 19th century. Sewer Trench North Side 22-255W.

20457- Colorless glass, quart capacity, Bourbon(?) bottle body sherd embossed: "...L(?)L(?)E, KY..." (Louisville. Ky.). Also under the same catalog number is a thick, colorless, glass body sherd embossed: "...IS B..." which may have been part of a beer bottle. Sewer Trench North Side 22-255W.

20461- Green glass wine bottle sherd. Method of manufacture not determined. Sewer Trench North Side 22-255W.

20462- Lipping tool brandy finish and two other sherds, all in amber glass, appear to have been parts of the same ardent spirits bottle. Another amber glass sherd cataloged under this number is not from the same bottle. It is a shoulder and neck fragment which *may* have been from an export beer. Sewer Trench North Side 22-255W.

20464- Amber glass body sherd from a handmade beer(?) bottle. Sewer Trench North Side 22-255W.

20474- Wooden bung measuring 1 3/8" in diameter and 13/16" in thickness. This artifact may have been a whiskey keg closure. Sewer Trench. Provenience unknown.

20479- "Wine" bottle cork pulled with a corkscrew. It is stamped with one line of script and one line of smaller block letters which appear to read " FT...DY/BF...B." Sewer Trench. Provenience unknown.

20497- Complete ardent spirits bottle in amber glass. This cylindrical, quart-size bottle with a lipping tool finish was blown in a post bottom mold. The configuration most nearly approximates that of the English Rum illustrated by Putnam (1965:147). It is basally embossed: "A/MGCo/9" (Figure 12d). Toulouse (1971:359-360) illustrates two essentially identical MGCo marks which he attributes to two different companies, i.e., the Millgrove Glass Co., Millgrove, Ind., 1898-1911; and the Modes Glass Co., Cicero, Ind., 1895-1904. From the product descriptions recorded by Toulouse, the latter would seem the more likely fabricator of this bottle. The bottle contents at the time of collection are a part of this same catalog number. The liquid was decanted into a plastic screw top bottle. Feature 1 Level 5 70-80 cmbs.

20498- Complete ardent spirits bottle in amber glass. This bottle is nearly identical to No. 20497 above. It too was blown in a post bottom mold. It is basally embossed: "E/D S G Co" (Figure 12e)—a product of the De Steiger Glass Co, La Salle, Ill., ca.1879-1896

(Toulouse 1971:167-169). W. F. Modes, of the Modes Glass Co., Cicero, Ind. (see No. 20497 above) worked for the De Steiger Glass Co. before opening his own glass house (Toulouse 1971:360-361). This bottle exhibits a capsule ghost on the finish and neck. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

20500- Lead foil capsule (Figure 14a, b) painted black on exterior surface. The portion of the capsule over the bore is embossed: "STEINBLOCK & CO./-*/KANSAS CITY, MO" in upper case characters. A script embossment on the body of the capsule reads: "Steinblock---Co./Kansas City, Mo." The capsule skirt measures about 1 3/4". A telephone call to the Missouri Valley Room of the Kansas City, Mo., Public Library (downtown branch) established that the company was not listed in the 1927 or the 1930 city directories (the only two extant of their earlier volumes which had not been committed to microfilm). Establishment of initial and terminal dates and the nature of the enterprise represented would have cost \$10.00 per hour with a 2-hour minimum. Surface 17.8N-1.4E.

20501- Hershey's Breakfast Cocoa tin with a silver and maroon paper label (Figure 14c). The maroon and silver label was first used by the company in 1903 (Barach 1971: 91-92). Surface Collection 82N.

20506- Machine-made, 12-ounce, amber colored export beer (Figure 15). The base bears an Owens scar. The body exhibits a trademark composed of an outer circle with "PABST/MILWAUKEE" embossed on the inside perimeter. Within an inner circle is an embossed hop leaf with a superimposed upper-case "B" (formerly Best Brewing Company, Pabst's father-in-law) in the center. The firm name changed to the Pabst Brewing Company in 1889 (Downard 1980:139). 81.25N 2.5E Surface.

Medicine

17268- Basal portion of a colorless glass vial which is about the size of a homeopathic medicine bottle. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17308- Base, heel, part of body, and two shoulder sherds from an amber glass bottle which has the same base and body shape as the "monarch oval" illustrated by Putnam (1965:26). The shoulders are more rounded on the Fort Laramie artifact. The base bears an Owens scar, the numeral "8" and the character "Z." The glasshouse has not been identified. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17384- Machine-made, cobalt, c.t. finish sherd which may have been part of a Vick's salve jar. TU-A 82-83S 0-1W 30-50 cmbs.

18083- Plain oval bottle base (Putnam 1965:33) and "prescription" finish (Putnam 1965:20) and shoulder from same bottle. The finish was fabricated with a lipping tool. TU-6 62-63S 0-1W Level 1 0-10 cmbs.

18084- Rectangular bottle base with heel fragment. The bottle had chamfered corners and a suggestion of a single panel. Slight aqua tint. The base bears a prominent "Owens" scar, the numeral "4", and the Owens Illinois mark used 1929-1954. Plant and year numbers missing (Toulouse 1971:403). TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18086- Body, heel, and part of base from a colorless glass bottle. Configuration suggests that the complete bottle was a "prima" oval (Putnam 1965:25). TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18099- Thin white plastic sheeting disk liner for a bottle cap. The liner measures 1" in diameter—the same size as that used in the caps of contemporary rubbing alcohol bottle caps. Undoubtedly, this same size was used by packers in the sealing of a number of other products. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18105- Lipping tool formed prescription finish in colorless glass. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18254- Prescription finish of colorless glass. Formed with a lipping tool. 31-32S 6-7W Level 1 0-10 cmbs.

18394- Machine-made c.t. finish in opal glass. Original diameter estimated at 1 3/4". This may have been an ointment jar. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18396- Body sherd from a graduated medicine bottle. It bears the embossed numeral "2" (oz. or drams). TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18396- Incomplete bead finish in colorless glass. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18480- "Perry Davis" type, 2-part, lipping tool finish with neck, shoulder, and part of body. Jones and Sullivan (1986:79) state that this configuration is found primarily on late nineteenth- and early twentieth-century patent and proprietary medicine bottles and occasionally on druggists' ware, toiletries, and extract bottles. TU-G 54-55S 0-1W Level 10 90-100 cmbs.

18593- Complete "square tablet" bottle in colorless glass (Putnam 1965:34). This artifact was machine made in a cup bottom mold and exhibits a c.t. finish and an Owens scar. The base bears the numeral "3". There is a panel on the obverse embossed: "W.T.RAWLEIGHCo/FREEPORT.ILL." The Rawleigh company, which dates from 1889, sold medicines, spices, condiments, and other household preparations. Circa 1970 the ownership changed from an essentially family operation to a subsidiary of an eastern investment company. They are still in business today (Zumwalt 1980:345). Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18833- Heel and part of base from a square or rectangular bottle of colorless glass with chamfered corners. The bottle *might* have contained medicine originally. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18907- Medicine dropper bulb. From Dark Gray-Black Deposit 150-151 cmbs.

19131- Number 6 tapered cork for a medicine(?) bottle. Collection Unit 34-35N 4-5E Surface.

19161- Two No. 6 tapered corks for medicine(?) bottles. Collection Unit 34-35N 5-6E Surface.

19336- Unembossed 3-panel bottle sherds with a lipping tool oil finish. The bottle is a "castor oil" or "long neck panel" illustrated by Putnam (1965:52). Marginally legible embossment "... & CO" appears on the base. Name of company is broken off. 54- 55N 6-7E Surface.

19339- Cobalt blue, 2 oz., Bromo-Seltzer bottle (Putnam 1965: 37). Finish missing. Embossed "Bromo-Seltzer/Emerson/Drug Co./Baltimore, Md." Bromo-Seltzer was first bottled in 1888 (Wilson and Wilson 1971:107). The base bears a diamond-shaped mark, which may indicate that the bottle was a product of the Diamond Glass Co., Royersford, Pa. (1888-present). The diamond trademark dates from 1924 (Toulouse 1971:550). 58-59N 1E Surface.

19350- Machine-made prescription bottle of colorless glass blown by Owens Illinois Glass Co. in 1932 (Toulouse 1971:403). The base exhibits a typical Owens scar. The prescription lip was designed to accept a No. 4 tapered cork or a No. 0 rubber stopper. The body shape is that of a "Billiken" oval (Putnam 1965: 27), but the shoulders are more sloping. This 6-oz. bottle is graduated in cubic centimeters. Feature 1 Level 2 25-45 cmbs.

19543- Lipping tool finish, neck, and part of body from a bottle which compares favorably with Putnam's (1965:119) illustrations of the "patent lip-short" homeopathic tube vials. The cork is still in place. Homeopathy as a medical discipline originated in 1796 and was fully developed by 1835. By 1924 there were not less than 12,000, and perhaps as many as 18,000, practicing homeopathic physicians in the United States (The Encyclopedia Americana Corporation 1924). Surface Collection 17.8N 1.4E.

19618- Incomplete, machine-made, c.t. finish from a medicine(?) bottle. The outside diameter of the finish is estimated at 1". It was made of amber glass. Surface Collection 22.3-25.8N.

19628- Eight-dram homeopathic, patent lip, long vial (Putnam 1965:120) in colorless glass. Lipping tool finish. Surface Collection 22.3-25.8N.

19758- Very thin, side panel fragment from a paneled medicine(?) bottle. The incomplete, crudely lettered embossment reads "...EBL..." The product has not been identified. Surface Collection 29.3-34.5N.

19888- Number 5 tapered cork which *may* have been used as a medicine bottle closure. Surface Collection 49-58.5N.

20017- Lipping tool formed oil finish with part of neck and shoulder. This appears to have been a panel bottle and may have held a medicine. Surface Collection 65-74.6N.

20018- Machine-made graduated, double scale, medicine bottle with a Perry Davis finish and a prescription lip. The bottle is rectangular with chamfered corners and has a fluted shoulder. The base is embossed with the numeral "4" and a horizontal diamond enclosing an upper-case "I". The mark is identical to the one which was used by the Illinois Glass Co. of Alton, Ill. from 1916 to 1929, *except* that the letter "I" on the base of the Fort Laramie bottle is serifed while that of the Illinois Glass Co. is not (Toulouse 1971:264). Surface Collection 65-74.6N.

20104- Vick's salve jar in cobalt blue glass. Continuous thread ferrous metal lid missing. A paper label fragment (blue on yellow) is extant. Base has a circled "M"—the logo of the Maryland Glass Corp. since 1916 (Toulouse 1971:339). The cold preparation itself dates from ca. 1907. By 1918 it had gained national recognition (Campbell 1964:130-133). 75.9N 6.6E Surface.

20444- Crudely fashioned colorless glass bottle measuring 3 3/8" in height and 11/16" in diameter. The bore accepts a No. 0 tapered cork stopper. The configuration is similar to that of a homeopathic vial. The bottle is vertically embossed on one side "G DE (small upper case characters) Koenig Tilly." The product which this bottle was designed to contain, Tilly's Gold Medal Haarlem Oil, a diuretic, was introduced into the U.S. in 1907. It was still being advertised as late as 1941-42 (Fike 1987:183). Goodenough (1982:626) recorded the recipe for "Harlem" Oil:

Sulphur.....2 ounces
Linseed Oil.....1 pound
Oil of Amber.....2 ounces

Boil the sulphur and linseed oil on a slow fire until the sulphur is dissolved, then remove from the fire and, when the mixture has somewhat cooled, take the oil of amber and enough oil of turpentine to bring the preparation to the consistency of molasses. Sewer Trench North Side 22-255W.

20463- Oval Ball Neck Panel (Putnam 1965:49) bottle (Figure 12b). Obverse panel is embossed: "SOUDERS/ELEGANT/FLAVORING/EXTRACTS/ROYAL REMEDY/& EXT CO./DAYTON, O." Fike (1987:210) lists a "Royal Remedy Co." which was based

in Kansas City; however, it is unlikely that this is the same firm. Sewer Trench North Side 22-255W.

20510- Cap liner made from composition cork. This liner measures 1 1/4" in diameter and *may* have been used as part of a medicine bottle closure. 18.6N 2.8E Surface.

Jewelry, Personal Use, and Grooming Items

17107- Incomplete horseshoe-shaped tobacco tag. Schild (1972:41) includes a tag with this configuration, but without a brand name or manufacturer. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17193- Two circular, single-prong tobacco tags measuring 3/4" in diameter. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17222- One rectangular, ferrous metal condom container with a friction lid (Figure 13b). Approximate measurements are 2 1/8" x 1/ 5/8" x 3/8". The box contained a paper flyer in fragile condition. Along with several incomplete words was the trademark of a mounted individual in Arab dress with the brand name "Sheik" printed below (Figure 13c). One end of the flyer bore the numbers "1076" drawn in perforations (registry or lot number?). The name "Sheik" suggests a 1920s inception following the popularity of the Rudolph Valentino film of that name. The brand is still being marketed, but cardboard packaging has replaced the ferrous metal box. Feature 1 27.4-28.7N 1.9-3.4E Surface.

17271- Little girl's ring made of brass with an amethyst glass setting. The ring is size 2 3/4. The inside surface on one side is stamped with an upper-case "C", with an arrow symbol above and below pointing to the character. The stamped design surrounding the set is reminiscent of the ca. 1920s filigree jewelry styles. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17318- One short length of "Z" twist cotton yarn which *may* have been used in needlework. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17337- Corrugated white plastic cylinder with fiber core. Cigarette filter. TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17365- Fiber cigarette filter. TU-A 82-83S 0-1W 10-20 cmbs.

17382- Plain, undecorated Staffordshire pot lid fragment, which originally measured about 2 13/16" in diameter. Although some pots and lids were being thrown after the beginning of the twentieth century, the form was essentially confined to the last half of the nineteenth (Williams-Wood 1972:25-26). The profile of this fragment is similar to that for a small lid illustrated by Williams-Wood (1972:Fig. II S) which was produced by the F. & R. Pratt Co. ca. 1876-85. Staffordshire pots were used to package a number of products from foodstuffs

to toothpaste to pomades; however, it appears that toothpaste lids seem to be more numerous in the American archeological record. An undecorated lid such as this may have borne a paper label. American glasshouses produced an equivalent package in white glass. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

18024- Part of a "buckle" or closure device for a wrist watch band(?) of 1/2"-wide ferrous metal. The strip bears remnants of silver (white gold?) plate. One end of the strip (5/16") is bent back on itself to accommodate a spring-loaded pin for securing the closure to the band. The other end is serrated and the last 1/8" is bent at a 90-degree angle to grip the leather or textile band. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18065- Bobby pin (for the hair). A catalog check suggests that the bobby pin was first marketed *after* the late 1920s. This artifact boasts soft plastic coated ends to prevent scalp damage. The plastic industry is essentially a post-WW II phenomena. "Bobby pin" is listed in the new words section of the *Webster's Collegiate Dictionary*, fifth edition (published 1948) of the abridged second edition of the *Webster's New International Dictionary*. It was no doubt named after the bobbed hair in which it was used. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18068- Incomplete nickel-plated cuprous metal safety pin measuring 2" in length. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18076- Light amber, cylindrical bottle base, heel, and part of body. The original diameter of the bottle was about 2 1/2". It was blown in a cup bottom mold and exhibits remnants of a recessed panel to accommodate a paper label. This *may* have been a toiletry bottle. There are two other amber sherds in this bag which do not appear to belong with this bottle. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18098- Incomplete carbon rod from a "D"-size, dry electric cell. It measures .314" in diameter. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18106- Ball clay pipe stem fragment. Unmarked. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18148- Four ferrous metal scraps which appear to have been part of a pocket tobacco tin. Surface 9'-6" From NW Corner E 74'.

18179- Spur from ball clay pipe. Although embossed in a distinct rustic style, not enough remains for further identification. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18180- Cigarette filter. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18197- Cuprous metal decorative rosette measuring 3/4" in diameter. May have been a jewelry or collar box embellishment. Unit D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18224- Beveled flashlight lens fragment. Original diameter estimated to have been 1 7/8". Unit D Outside 38-38S 2-3W Level 3 20-30 cmbs.

18226- Unmarked ball clay pipe stem fragment. Unit D Outside 37- 38S 2-3W Level 3 20-30 cmbs.

18252- Circular tobacco tag measuring 1/2" in diameter. Pronged metal tobacco tags were first used in 1870 (Campbell 1964:104). 31-32S 6-7W Level 1 0-10 cmbs.

18267- Cuprous metal strap end measuring 1 1/2" in width. 31-32S 6-7W Level 2 10-20 cmbs.

18268- Ferrous metal keeper designed for 3/4" wide belt or strap. 31-32S 6-7W Level 2 10-20 cmbs.

18432- Ball clay pipe bowl fragment. 54-55S 0-1W TU-G Level 5 West Half.

18434- Ball clay pipe stem fragment. 54-55S 0-1W TU-G Level 6 50-60 cmbs.

18451- Cuprous metal straight pin. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18486- Ball clay pipe stem section stamped "H. ISAAC/F.L." (Figure 16a). The historical societies of South Dakota and Wyoming checked the 1860 (S. Dakota) and the 1870 through 1910 (Wyoming) census records for the name H. Isaac. Only the 1910 census had recorded an individual by that name (Isaac). His occupation was listed as cattleman (letter, B. Sudbury to Sudderth). Profile cleaning in and out of feature at 80-95 cmbs, TU-G, Southwest corner.

18562- Ferrous metal bobby pin with "gold" color plating for use in blonde hair. The end is plastic dipped. See catalog No. 18065 above. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18601- One ferrous metal condom box. Advanced state of oxidation. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18690- Six ferrous metal condom boxes. See catalog numbers 544 and 18601 above. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18694- Incomplete pocket smoking tobacco tin. Badly oxidized. Feature 1 27.4-28.7E Level 3 45-65 cmbs.

18704- Incomplete pocket smoking tobacco tin. Badly oxidized. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18711- Incomplete pocket smoking tobacco tin. Badly oxidized. Feature 1 26.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18725- Section from a cylindrical piece of wood with a hole in the center. It measures about 1/2" in diameter, while the centered hole measures 1/8". The grain runs across the section. The exterior surface is polished and finished in a brown stain. This artifact may have been part of a smoking pipe stem. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18765- This artifact is another section of the same pipestem as No. 18725 above. It measures about 1" in length. One end appears to be lathe finished and the remnants of a tenon joint are evident. The graining of the tenon runs parallel to the long axis of the stem while the graining of the mortise portion runs at a 90-degree angle to it. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18768- Two ball clay pipe stem sections which appear to have been from different pipes. Neither is marked. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18751- Incomplete, thin, ferrous metal tobacco tag in the shape of a 5-pointed star. Badly oxidized. There is a depression in the center of the star which may have been a "V" cut attaching prong. The Liggett & Myers Tobacco Company marketed a chewing tobacco plug, beginning perhaps as early as 1873, which they called "New Style." A row of stars was pushed into the plugs so that each cut would have a star attached to it. The consumer referred to "New Style" as the "tin star tobacco" or the "tobacco with a tin star." The recognition value of the star persuaded the company to change the name of the brand to "Star" (Campbell 1964:112). Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18761- Incomplete cuprous metal tobacco pipe shank ferrule. The distal edge of this artifact is cut in a zig zag and underscored with a straight band of perforations. Similar ferrules are illustrated on 2 of the apple wood pipes in the 1897 edition of the Sears catalog (Sears, Roebuck & Co. 1968:333). Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18779- Incomplete bone "stick" (thinned at one end) from a folding fan(?). The 1902 Sears, Roebuck catalog (Sears Roebuck & Co. 1969:1001) illustrates 1, out of 17 folding fans, which has bone sticks. At 59 cents each, the bone stick fan falls in the middle of the price range which begin at 10 cents and progressed to a high of \$1.48. Two bone stick fans are also advertised in the 1886 Blumindale's Catalog (Bloomingdale Brothers 1988:102). One of the Bloomingdale bone stick fans is 1 of the 2 most expensive which were offered at \$3.50, while the other is priced at \$1.19. The cheapest price for a stick-type folding fan in this catalog was 39 cents. Conversely, this bit of bone may have been from an inlaid box; however, the thinning (where the paper or textile portion of the fan would have been attached) suggests the former identification. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-80 cmbs.

18784- The workmanship and tool marks on this thinned bit of bone suggest that it may have been a part of artifact No. 18779 above, although the 2 pieces do not fit together. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18805- Badly oxidized, circular, ferrous metal tobacco tag(?) measuring about 5/8" in diameter. The edge is cut in a distinctive dentate design suggesting a seal. A portion of the edge is missing, and that area may have been where the pointed attachment tab was located; however, there was no corresponding tab on the opposite side. Schild (1972) did not illustrate or describe the configuration of any tobacco tags using the word "seal" in the brand name. It is quite possible that this artifact is *not* a tobacco tag, but the disk element from a tracing wheel. Tracing wheels are handled tools which are used to prick the outline of a pattern on textiles as a guide to cutting. The 1894-95 Montgomery Ward catalog illustrates the tracing wheel (Montgomery Ward & Co. 1970:81). There is, however, a problem with that identification too—the necessary central mounting hole is not discernable. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18813- Cuprous metal ring drop drawer pull for a jewelry box. The escutcheon is stamped with rococo embossments, and measures 3/4" in diameter. The ring measures 1/2" in diameter. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18829- Unmarked stem section from a ball clay tobacco pipe. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18839- Mirror fragment. Feature 1 27.4-28.7N 1.9-3.4W Level 7 105-125 cmbs.

18850- Hard rubber tooth from a comb. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18898- Glass bottle stopper with a ground, tapered shank. The finial is a flattened sphere crowned with a small mamelon. A part of the neck and shoulder, which may have accepted the stopper, is included under this catalog number. The neck is internally ground. The shoulder suggests a square or rectangular shape for the body. This stopper and bottle fragment may have been a toiletry package. Jones and Sullivan (1986:157) state that glass stoppers (for correspondingly threaded bottle bores) were advertised in late nineteenth-century glass catalogs. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

18900- Prince Albert brand pocket tobacco tin fragment. Prince Albert, a product of the R.J. Reynolds Tobacco Company, was introduced in 1907 (Campbell 1964:100), and first packaged in pocket tins in 1913 (Rock:1980c). S. End Mess Room 19-21.9 Meters.

18919- Ferrous metal condom box. This artifact is the same size as that cataloged No. 18690 above. Feature 1 North Wall Profile.

18921- Cuprous metal pocketknife bolster and part of bolster lining riveted together. The bolster measures 9/16" in width at its widest part and 15/16" long. Feature 1 North Wall Profile.

19078- "Two-Way" hairpin, identical to those illustrated in the 1927 Sears catalog (Sears, Roebuck & Co. 1970:123). The name refers to the two-way (zig-zag) crimps on each arm. 32-33N 5-6E 0-3 cmbs Dust Zone.

19094- Thin, circular pasteboard tag with an attachment hole near the perimeter. Remnants of a hard white finished surface bear a design fragment and the characters "...GE..." The tag measures 1 1/16" in diameter. Such tags were attached to the draw string of the white muslin bags which packaged Bull Durham brand flaked cigarette tobacco. Collection Unit 32-33N 6-7E Surface.

19095- Lid from pocketable smoking tobacco box made of pasteboard. The brand name (Velvet) is imprinted in white characters on a red field. This artifact would almost surely date from the World War II era when wood pulp largely replaced metal as a source of packaging material for non-hermetically sealed products. Velvet pocketable tins returned to the marketplace following the war, only to be replaced, quite recently, by pasteboard again. Velvet tobacco is cut specifically for use in a pipe. The brand name is owned by the Liggett & Meyers company (Campbell 1964:112). Collection Unit 32-33N 6-7E Surface.

19108- Cigarette butt imprinted in blue script with the brand name "Old Gold." Old Gold (a product of the Pierre Lorillard company) was introduced in 1926 (Campbell 1964:106). Collection Unit 32-33N 6-7E Surface.

19154- Fragment of a revenue stamp from a tobacco product package. Collection Unit 34-35N 5-6E Surface.

19175- Fragment of a cigarette papers book cover. Although cigarette papers were and are marketed as an independent product, they were customarily included as a part of the purchase price (in a thinner book) of a bag of cigarette tobacco. Brands such as Durham attached a book of papers to the reverse side of each of the muslin bag packages. The opening instruction, imprinted in black on an orange ground, indicates that this book was attached to a tobacco bag: "TEAR THIS COVER ON/ PERFORATED LINE LEAVE/PAPERS ATTACHED TO SACK AND SLIP OUT/ONE AT A TIME AS/ NEEDED." The arced, perforated line is accented by a parallel black ticked line. Below the line are the characters "...NTED OCT. 1st 1919(?)." A fragment of the brand name is imprinted below. Although the letters are too incomplete to be unequivocally identified, the style and ground color are exclusive to the Riz LaCroix brand of cigarette papers. The reverse was imprinted with several design elements and the incomplete ("...the cigarette/...ght hand and...") instructions for "rolling" a cigarette. Collection Unit 34-35N 6-7E Surface.

19179- One length of pale blue thread suitable for embroidery work. One length of green string which *may* have been used in needlework, too. Collection Unit 34-35N 6-7E Surface.

19195- Guitar-shaped pin (tong missing) which was made of vitreous enamel over cuprous metal. It measures 1 1/4" in length and 7/16" in width at its maximum. The neck, sound hole, and bridge bone are black while the body is white. The strings and perimeter are cuprous. The pin is similar to those used as hat ornaments. Collection Unit 34-35N 6-7E Surface.

19219- Horse shoe shaped tobacco tag from "Horse Shoe" brand chewing tobacco—a product of the Liggett & Myers Tobacco Company (Campbell 1964:112). Paint missing. 36-37N 5.6E 0-3 cmbs Dust Zone.

19310- Pocket tobacco tin lid fragment. Rock (1980b) suggests that the introduction date for pocketable tobacco cans was either 1892 or 1910. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19312- Foil from chewing gum wrapper. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19416- Star-shaped (5-point) tobacco tag from "Star" brand chewing tobacco—a product of the Liggett & Myers Tobacco Company. The brand was introduced ca. 1873 (Campbell 1964:112). Feature 1 Level 5 70-85 cmbs.

19373- Incomplete ferrous wire hair pin. Surface Collection 6.5-10.5N.

19397- Incomplete Prince Albert brand pocket smoking tobacco tin. The name is owned by the R.J. Reynolds Tobacco Company of Winston Salem, N.C. Surface Collection 6.5-10.5N.

19398- Two lid fragments from pocket smoking tobacco tin. The artifact exhibits 2 tabs which, originally, were bent around a wire to form a part of the hinge. Surface Collection 6.5-10.5N.

19401- Snap from a pocket or purse key case. The 1965 fall/winter edition of the Spiegel catalog illustrates cases incorporating similar snaps (Spiegel 1965:150, 151). Surface Collection 6.5-10.5N.

19403- Pressed white metal "corner" decoration with a rococo design in low relief. Similar corner accents were often applied to such t.c. era items as pocketbooks, photo albums, and jewelry boxes. This particular artifact bears a patent date of February 10(?) 188(?)0. No similar item was recorded in the patent office gazette for that date. Surface Collection 6.5-10.5N.

19434- Circular, cabochon-shaped, opalescent glass gemstone measuring 1/2" in diameter. This could have been set in an ear or finger ring, or perhaps a button center. Opalescent

glass was often used as a base in the production of imitation pearls. Surface Collection 10.5-16N.

19456- Two incomplete wire hairpins. Surface Collection 16-21.9N.

19467- White metal, side-dispensing, twist closure for a toothpowder (or other product) container. The top is embossed in low relief: "KENT PATENT/DEC 29 03". The patent application was filed on December 4, 1902, by Henry B. Kent of New Brunswick, N.J., and granted under number 747,978 (Patent Office Gazette Vol. 107 1903:2270). A top-dispensing sprinkler closure for Mennen's brand baby powder was developed by the Somers brothers in 1890 (Rock 1989:57). The design concept was identical for both the Somers and Kent dispensers, which use a turnable, non-removable slotted (Kent patent feature) or perforated cap over a stationary stud with a matching slot or perforations. With a twist of the cap the two sets of perforations may be aligned or disaligned (opened or closed). The curious thing about this device is that it was approved at all since the virtually identical Somers closure patent (if indeed it *was* patented) would have still had 5 years to run on the standard 17-year patent life (Munn & Co. 1892:22). Surface Collection 16-21.9N.

19470- Distinctively shaped tobacco tag (rectangle surmounted by a circle) with a 3- prong attachment. Traces of white characters "I(?)S(?)" are discernable on a red field. Schild (1972:37) illustrates a tag of similar configuration with the brand name "GRANGER/TWIST" arced at the top and bottom of the circle. In the illustration the rectangular portion of the tag bears an illegible inscription. Unfortunately, the author does not include production dates, nor the name of the tobacco company which marketed this product. There is a ferrous metal circle about the same size as that of the tobacco tag just discussed. It may represent another "Granger Twist" tag with the rectangular portion missing. The reverse of this circle exhibits a single prong and what appears to be the remnants of a second prong. The 2 align nicely with those on the more intact tag. Surface Collection 16-21.9N.

19482- Two pieces of a wooden knitting needle. One of the pieces tapers down to a point. The needle measures 1/4" in diameter. Surface Collection 16-21.9N.

19516- Pocket tobacco tin fragment. First marketed 1892 or 1910 (Berge 1980:261; Rock 1980b). S. End Mess Room 16-21.9 Meters.

19547- Five pieces of 2 different sizes of wooden knitting needles. Two of the fragments are tapered to a point. One measures 3/16" in diameter and the other 1/4" in diameter, like artifact No. 19482 above. Surface Collection 18.55N 3.0E.

19623- Footed cosmetic jar fragment in milk glass. The original diameter of the base is estimated to have been 2". Surface Collection 22.3-25.8N.

19625- Tapered, sub-cylindrical, soft, resilient plastic object measuring 7/8" in length and about 1/2" to about 9/16" in diameter. This may have been an earplug. Surface Collection 22.3-25.8N.

19636- Two Riz LaCroix brand cigarette paper book covers. See catalog number 19175 above. Surface Collection 22.3-25.8N.

19637- Paper-lined foil chewing gum wrapper. N. End Mess Room 65- 74.6 Meters.

19652- Saltwater mother-of-pearl clasp knife handle fragment. The maximum height of this knife was at the center from which it tapered toward the bolsters on either end. The 1865 Russell and Erwin catalog (Russell and Erwin Manufacturing Company 1980:359-366) illustrates 35 pocket knives, of which 6 have the same configuration as suggested by the FOLA handle fragment. The popularity of the shape seems to have dwindled by the turn of the century, for the 1894-95 Ward catalog (Montgomery Ward & Co. 1970:429-432) illustrates 132 clasp knives with only 10 with the double taper shape. By 1922-1923 (Montgomery Ward & Co. 1969b:350, 353, 367) only 2 out of 45 knife shapes were double taper. Surface Collection 22.3-25.8N.

19692- Pocket tin which originally packaged Prince Albert brand smoking tobacco. This can exhibits the external friction lid and the 1907 text on the reverse. Both of these features continued until 1960. At that time the same full-length depiction of Prince Albert on the obverse replaced the text on the reverse, and the external friction hinged lid was superceded by an internal friction one (Rock 1989:166-167). Surface Collection 24.4N 1.05E.

19736- Hard rubber pipe stem. S. End Saddlery 29.3-34.5 Meters.

19753- Cuprous metal rosette (measuring 3/4" in diameter) which *may* have been a decorative element on a woman's pocketbook. The 1895 Montgomery Ward catalog (Montgomery Ward & Co. 1969:100) illustrates pocketbooks with similar embellishments. Surface Collection 29.3-34.5N.

19777- Short length of black cotton thread. Surface Collection 31-32N 4-5E.

19790- Cherrywood tobacco pipe stem or stem section which is essentially complete. It measures 5 5/8" in length. The smooth, decorative bark was left on the finished stem. One end is threaded, perhaps to accept a detachable mouthpiece. The other end has a male slip joint or shank which attached to the pipe bowl. Such stems were often a part of the Germanic peasant-style pipe. The 1897 Sears catalog (Sears, Roebuck & Co. 1968:334) illustrates the peasant pipe and offers replacement cherry stems in 6 1/2" and 7" lengths. Surface Collection 33-35N 0-3.5E.

19791- Incomplete wooden brush frame. Bristles missing, but the ferrous wire used to secure bristles is still evident. The length of this fragment (7 1/4") suggests that this was a shoe or clothes brush rather than a hair brush. Surface Collection 33-35N 0-3.5E.

19803- Tubular, colorless glass bottle with remnants of a white plastic capsule which once covered the missing cork closure. Surface Collection 34.45N 5.6E.

19805- Tubular, colorless glass bottle with an intact cork closure. This bottle measures 4 1/4" in length and 3/8" in diameter. This bottle is a common configuration for the packaging of glitter. Surface Collection 34.6N 4.8E.

19806- Wooden spool (thread) measuring 5/8" in height. The obverse is stamped in black ink "ACE (over a horizontal diamond shaped outline)/10 YDS/SHADE/3000." The reverse is stamped "ACE (over a horizontal diamond shaped outline)/10 YDS/PURE D (the "D" is centered within a shield) SILK." Surface Collection 34.65N 5.2E.

19828- Tin-plated, ferrous metal, horseshoe-shaped chewing tobacco tag. The brand name "Horse Shoe" is owned by the Liggett Group (Gale Research Company 1982:505). No trace of paint remains on the tag. Surface Collection 40.15N 0.85E.

19855- Cuprous metal straight pin. Surface Collection 49-58.5N.

19859- Circular, 2-pronged tobacco tag measuring 1/2" in diameter. No paint remains. Surface Collection 49-58.5N.

19860- Essentially complete costume jewelry anchor (old style, but without fouling) measuring 1 7/16" in length. It was made of ferrous metal. There is nothing to indicate that there was a pin back attachment. It may have been suspended by a neck chain through the ring. No evidence of plating remains. Surface Collection 49-58.5N.

19877- Short-skirted ferrous metal friction lid measuring 15/16" in diameter. The lid is imprinted "CU.../POWDER/POLISH" in pink characters over a black ground. The letters "CU" are the first two in the brand name "Cutex," owned by Chresbrough-Pond's, Inc. Cutex commodities include lipstick and nail-care products (Gale Research Company 1982:273). Cutex was marketing "Pink Powder Polish" through the Sears catalog in 1923 (Sears Roebuck & Co. 1973:490). According to the advertisement, it "...Leaves a brilliant pink polish..." Pink Powder Polish was a mild abrasive designed to burnish the fingernails, using a chamois-covered buffer. Included under this catalog number is a friction lid measuring 2 7/8" in diameter with a 3/8" skirt. The size and configuration suggests a shoe polish can lid. No traces of a label remain. Also included under this number is the bottom of an oval, ferrous metal toothpowder can measuring 2 1/4" x 1 1/2". Surface Collection 49-58.5N.

19878- Two ball clay pipe stem fragments which fit together. There is an incomplete ball clay pipe bowl which does not belong with the stem pieces. There are no markings. Also included under this number is a terra-cotta pipe stem fragment impressed: "...a St Omer(?)/Depose." Surface Collection 49-58.5N.

19883- Three milk glass, c.t. finish sherds (from 2 different containers) and 1 square with rounded corners heel/basal sherd—all of which were part of cold cream(?) jars. Surface Collection 49-58.5N.

19885- Black rubber tubing for fountain syringe. Surface Collection 49-58.5N.

19920- Cuprous metal key chain loop (proximal end) designed to fit over and behind a button to prevent loss. It may have been plated originally. A key chain with a similar loop end is illustrated in the 1897 Sears catalog (Sears, Roebuck & Co. 1968:321). Surface Collection 61-64.15N.

19953- Cuprous metal, branched, pocket watch vest chain fragment. The links were made of No. 18 wire. Each link end was bent back to form a loop and the loops were twisted at a 90-degree angle to each other. A single link is a remnant of the chain branch which terminated in a bar. The bar was pushed through a button hole in the vest to secure the watch. The 1927 Sears catalog (Sears, Roebuck & Co. 1970:729) illustrates chains of this configuration. Surface Collection 65.0-74.6N.

19954- Open-ended sewing thimble of cuprous metal. N. End Mess Room 65-74.6 Meters.

19959- Cigarette lighter wick of cotton. N. End Mess Room 65-74.6 Meters.

19963- Ball clay pipe stem fragment (proximal end). N. End Mess Room 65-74.6 Meters.

19979- Celluloid hair pin. The 1895 Ward's catalog (Montgomery Ward & Co 1969:87) illustrates a similar pin. N. End Mess Room 65-74.6 Meters.

19992- One complete and 1 incomplete pocket smoking tobacco tin. Both are heavily oxidized and none of the lithography remains. Also, both exhibit the hinged, external friction lid which was changed to an internal friction lid ca. 1960—at least for Prince Albert brand (Rock 1989:167). Surface Collection 65-74.6N.

20034- Incomplete, amber colored celluloid hairpin. An identically configured hairpin is illustrated in the 1927 edition of the Sears catalog (Sears Roebuck & Co.1970:123). Surface Collection 65-74.6N.

20041- Paper (only) from a cigarette butt. Surface Collection 65-74.6N.

- 20062- Colorless glass neck and shoulder fragment (2 sherds) from what appears to have been a Florida Water bottle. Finish is missing. N. End Mess Room 65-79.6 Meters.
- 20064- Amber tinted celluloid hairpin. This artifact is quite similar to the celluloid hairpins illustrated in the 1922-1923 Ward's catalog (Montgomery Ward & Co. 1969b:182). N. End Mess Room 65-79.6 Meters.
- 20112- Hook end and part of the shank from a button hook. This is *not* a part of artifact No. 20114 below. Surface Collection 77.7-82.12N.
- 20114- Loop handle button hook made of wire. The hook portion of this tool is missing, however, the angle at which the distal 1/4" of this artifact is bent makes identification unequivocal. The 1894-95 Montgomery Ward catalog (Montgomery Ward & Co. 1970:81) illustrates an essentially identical article which they offered for 2 cents per dozen. Surface Collection 77.7-82.12N.
- 20127- Key ring made out of 15-gauge cuprous wire. The ring measures 1/2" in diameter. Surface Collection 77.7-82.12N.
- 20133- Pin back, "celluloid" covered ferrous metal, political campaign-type button depicting the bust of a man in revolutionary era attire. The figure is executed in black ink on a white ground. It is not captioned. The button measures 7/8" in diameter. This button may have been a cereal box give-away. Surface Collection 77.7-82.12N.
- 20134- Cuprous metal finger ring measuring 11/32" in width. The exterior surface of the ring is convex. The two ends of this "wedding ring" configured band are slightly misaligned at the solder mark. There are no signs of plating. Surface Collection 77.7-82.12N.
- 20138- Incomplete ball clay pipestem. No mark. Surface Collection 77.7-82.12N.
- 20145- Colorless ground glass shank from a perfume bottle. Surface Collection 77.7-82.12N.
- 20158- Incomplete, ivory colored celluloid hairpin. Surface Collection 77.7-82.12N.
- 20178- Scissors measuring 5 1/4" from handles to blade tip. Proximal end furnished with same size finger holes. Sewing scissors. N. End Kitchen 77.7-82.13.
- 20183- Incomplete ball clay pipestem. No mark. Surface Collection 77.7-82.13N.
- 20190- Inexpensive, unmarked brier pipe complete with hard rubber stem. The pipe was fashioned in the "Oom Paul" shape (Weber 1976:50). Surface Collection 77.7-82.13N.

20193- Sawn-off end of a wooden sewing thread spool. Paper label is missing. The artifact measures 1/2" in length. Surface Collection 77.7-82.13N.

20194- Length of white cotton thread knotted at one end. Surface Collection 77.7-82.13N.

20202- Leather-backed clothes brush measuring 7 3/4" x 2 1/4". The brush has rounded corners, is stitched around the perimeter and is heavily embossed with floral and geometric elements. There is a 3 1/2" x 1" undecorated rectangle centered on the brush back, which is embossed "FLEXIBLE" in 3/8" characters. Surface Collection 77.7-82.13N.

20207- Cylindrically shaped, colorless glass vial measuring 4 1/4" in length and 3/8" in diameter. The vial is machine made with a finish designed to accept a cork closure. A white plastic heat shrunk cap fragment still adheres to the finish. Such vials were often used to package "glitter." Unprovenienced.

20243- Half of a small scissors with a blade which measures about 2 1/2" from pivot to tip. Heavily oxidized. No makers marks evident. 23.3-25.8 Meters Outside W. Wall.

20245- Cuprous metal crimp-on tip for a woven textile strap. Strap width of 1" could have been accommodated. 23.3-25.8 Meters Outside W. Wall.

20268- Mustard colored bit of plastic with a ribbed area on reverse. This artifact may have been part of hair barrette. 23.3-25.8 Meters Outside W. Wall.

20276- Ball clay tobacco pipe bowl fragment. 22.3-25.8 Meters Outside W. Wall.

20307- Silver plate over cuprous metal ferrule, originally fitted to the shank of a tobacco pipe. Essentially identical ferrules (1 complete and 1 incomplete) are included in the inventory from the excavations of the Blockhouse at Fort Larned (Janis Dial, personal communication, Jan. 27, 1991). The decorative elements of the ferrule consist of 7 large scallops, each of which is broken into 3 smaller ones. The large central scallop is taller than those which flank it, and there is a perforation below each forming an equilateral triangle. The appearance of the whole suggests a royal crown. The complete Fort Larned artifact differs from the one recovered at Fort Laramie in that it has 6 large scallops instead of 7. The difference was due to the Fort Larned band having been made to be fitted to a smaller diameter stem. This artifact exhibits what appears to be a stamped, short, wide "C" encompassing the letter "M" or the letters "AA". The manufacturer has not been identified. There are traces of tobacco tars caught under the edge (proximal end) of the ferrule where it interfaces with the distal face of the bit. Sewer Trench. Provenience unknown.

20312- Circular shoe polish box lid made from tin-plated ferrous metal. The lid is cheaply made out of thin, stamped stock with a crimped skirt. The skirt lacks reinforcement. Imprinting is done in black over a gold colored transparent lacquer. It is lithographed

"JAQU(?)O(?)T(?) & Co FRENCH BLACKING/4 (encircled)/ PARIS/ROTHSCHILD BROTHERS & Co/SOLE AGENTS FOR THE/AMERICAN CONTINENT/NEW - YORK." A scene on the lid included (on the right half) a man with mutton chops dressed in a manner suggesting the styles of the 1860s and 1870s. Both upper arms are raised at a 90-degree angle to the body and the forearms raised parallel to the body. He holds a boot in the left hand and a shoebrush in the right. He appears to be chasing or kicking a fleeing parrot on the floor. The left half of the lid depicts a shiny boot (slightly taller than the man), with a monkey dressed in striped shorts looking at his reflection in it. An almost identical depiction of Jacquot & Co.'s Genuine French Blacking lid appeared in the Bloomingdale Brothers' Spring and Summer 1886 catalog (Bloomingdale Brothers 1988:155). Sewer Trench. Provenience unknown.

20313- Cuprous metal, silver-plated, circular box lid with a "catch" on the reverse. The hinge opposite the catch is missing. The top measures 2 1/16" in diameter. The bas-relief design on the obverse features a plump child, naked except for a sash, holding a fruiting olive branch in each hand. The child is encompassed by a raised circular line which is surrounded by a floral element resembling acanthus leaves. The obverse and reverse plates are held together in a fashion similar to the Sanders principle used in making metal buttons (Luscomb 1967:17). Although the diameter of the lid is well within the range of a purse compact or vanity for holding facepowder or rouge, there is no mirror nor any provision for one on the reverse side. The absence of that feature militates against this artifact having been a part of a compact. Sewer Trench. Provenience unknown.

20333- Gambier brand ball clay pipe. Part of stem broken off but pipe continued in use (tooth marks on stem). Within a ticked rectangle on the bowl body, above the juncture of the stem and bowl are the impressed words: "Creme/Gambier." Across the stem is impressed "Gambier/A Paris/Depose." The Gambier company was founded in 1780 in the village of Givet in the Ardennes of northern France. It ceased business in 1926 (Duco 1986:99-110). Sewer Trench. Unknown provenience.

20414- "McDougall-Glasgow" ball clay tobacco pipe stem fragment. S. End of Building 16-46 Meters.

20436- Four pocket tobacco tins, of which one bears remnants of lithography (Prince Albert). Prince Albert, a product of the R. J. Reynolds Company, was introduced in 1907 (Campbell 1964:100). According to Rock (1980c) Prince Albert was first packaged in pocket tins in 1913. This tin is incomplete. Sewer Trench North Side 22-255W.

20443- One-ounce "Round Pomade" (Putman 1965:42) in colorless glass. The finish was formed with a lipping tool, and the bore accepts a No. 3 tapered cork. There are no embossments. Sewer Trench North Side 22-255W.

20475- Wooden sewing thread spool. Manufacturer's label missing. Sewer Trench. Provenience unknown.

20477- Cotton muslin bag with drawstring. The bag held flaked smoking tobacco, which was most often used for "roll your own" cigarettes. There are remnants of a blue revenue stamp reading "FO.../FOUR/Unite.../Tax.../Acat.../For.../Bur..." Provenience unknown.

20480- Hard rubber pipe stem. Curved shank. Provenience unknown.

20487- Nearly complete "penny" match box made from thin wood and covered with blue paper on the exterior. There is a pale yellow label on the obverse with two matches set in a wide angled "V" with glowing red heads which meet in the center of the box. The match heads are surrounded by a red "sunburst." The words "Trade" and "Mark" appear at the edges of the sunburst. "Thurber's" is arced over the trademark. "Safety Match" appears below it. In small letters below "Safety Match" is imprinted "H. K. & F. B. Thurber & Co. New York." The reverse is imprinted with striking instructions. Provenience unknown.

20488- Cigar box marked Dan Sully "Regalia." The cigars were manufactured by factory No. 4, District of Maryland. The namesake Dan Sully has not been identified, however, in this context "regalia" indicates cigars of exceptionally fine quality, including Genuine Havanas made of Vuelta Abajo tobaccos (Jahn 1954:136). The Dan Sully name and the decorative design on the box were owned by E. H. Swartz & Co., New York. The cigars were distributed by the McCord-Brady Co., Omaha, Nebraska. The McCord-Brady Company (wholesale groceries) was established in 1879 (Wakeley 1917:862) and continued in business under that name until about 1936, when the physical plant at 719 to 723 South 13th Street was sold to the Western States Grocery Co. (Omaha Chamber of Commerce Journal, September 1936). There is a fancy, roughly oval paper label with rampant lion supporters glued to one end. It was imprinted "COLORADO". Colorado is an industry term for a cigar of medium coloring (Jahn 1954:38). The right-hand side of the interior cover of the box bears the date "June 4 1919" and the signature "Geo Griffith" is written vertically in larger characters—also in pencil. Provenience unknown.

20509- Shaving brush (Figure 16c). The proximal portion of the handle is made from black painted wood. Below that is a band of ivory colored celluloid which surrounds the natural bristles and is friction fitted to the handle. The proximal end of the bristle bundle is bound in vulcanized rubber. One side of the ivory band is impressed in upper-case characters: "BRISTLES/VULCANIZED IN RUBBER/GUARANTEED/ TRADE ("R" centered in a stylized heart outline) MARK." Surface 18.6N 2.8E.

Apparel

17144- Leather glove fragment. 19-20N 1-2E TU 5 Level 1 0-10 cmbs.

17162- Two pieces of twisted copper wire. Each has a loop in one end. One of the wires, measuring 23 gauge, is wrapped with ruby colored thread. It is quite similar to the wire used by florists in flower arrangements and corsages. The other wire, measuring 16 gauge,

is crimped on one end. It is heavier than florists' wire usually is. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17165- 26-ligne, saltwater mother-of-pearl, 2-hole-attachment button; 18-ligne, white porcelain, piecrust with remnants of gold paint on obverse, 2-hole-attachment button; 16-ligne unionid mother-of-pearl, 2-hole-attachment button; 14-ligne unionid mother-of-pearl, 4-hole-attachment button. TU-6 22-23N 0-1E 0-10 cmbs.

17171- Molded, tubular glass bead in opaque cobalt blue. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17183- Rubber heel from woman's high heeled shoe. The inside surface of the heel is embossed: "Made In USA/ PAT.Jan.11.16/Others Pend..." TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17184- Leather footwear upper fragment with 4 eyelets. The eyelets are reinforced with cuprous grommets. 7 other leather fragments in the same bag may belong with the same boot or shoe. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17206- Incomplete 24-ligne, freshwater mother-of-pearl, 4-hole button. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17207- Die cut, scalloped leather scrap which *may* have been removed as a decorative cutout for a belt. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17228- Shoe or boot sole fragment with remnants of cut nails imbedded. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17273- Stacked leather heel from woman's shoe measuring 1 1/2" at widest point. The heel is held together with ferrous nails. TU-12 31-32N 1-2E 0-10 cmbs.

17351- Cuprous eyelet from a boot or shoe. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17392- 26-ligne, "fish eye" (2-hole-attachment) saltwater mother-of-pearl button. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

18017- 23-ligne, unionid mother-of-pearl, "fish eye" (2-hole-attachment) button. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18048- 26-ligne hard rubber button with 2-hole attachment. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18123- 24-ligne, ferrous metal, 4-hole-attachment button. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18150- 30-ligne, 2-piece ferrous metal button with 4-hole attachment. Traces of silver plating are extant. 62-63S 0-1W Outside 30-40 cmbs.

18174- Opaque, black pendant "bead" which may have been part of an earring. It measures about 3/4" long with a 3/8" diameter at the center, tapering 1/8" at either extreme. Each half has 4 facets. There is an attachment hole near one end. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18193- Ferrous metal adjustment slide/buckle for suspenders/braces, designed for use with tape/webbing measuring 1 7/8" in width. TU-D 37-38S 2-3W Level 2 10-20 cmbs.

18195- 20-ligne, 2-piece, plain, undecorated, cuprous metal button (obverse) with a ferrous metal back. Attachment seems to have been by shank; however, oxidation is too advanced to be certain. TU-D Outside 37-38S 2-3Q Level 2 10-20 cmbs.

18196- Ferrous metal button, badly oxidized. Original size and method of attachment could not be determined. TU-D Outside 37- 38S 2-3W Level 2 10-20 cmbs.

18270- Link cuff holder clip (proximal end). Such a device is illustrated in the 1902 Sears catalog (Sears, Roebuck & Co. 1969:993). The clip (of cuprous metal) bears a stamped East Lake-like design. 31-32S 6-7W level 2 10-20 cmbs.

18286- 15-ligne, purple/blue porcelain, 4-hole-attachment shirt button. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18357- 22-ligne, 2-piece, ferrous metal button with 4-hole-attachment. 24-ligne, 2-piece (obverse half), ferrous metal button with 2-hole, "fish eye" attachment. TU-G 54-55S 0-1W Level 1 0-10 cmbs.

18379- Two "work clothes" (Luscomb 1967:224) buttons embossed "Oak/Brand" and "Crown/Overall" (with a centered crown representation), respectively. The buttons measure about 30-lignes. Luscomb suggests that the initial date for work clothes buttons is the late nineteenth century. Neither Oak Brand nor Crown Overall were published in the *Trade Names Dictionary*. A 30-ligne, 4-hole-attachment ferrous metal button is included under this number. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18380- Three cuprous metal boot or work shoe eyelets. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18381- Incomplete cuprous metal collar button with traces of gold plate remaining. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18382- Hook portion of a "hook and eye" incorporating the DeLong improvement (illustrated in the 1894-95 Ward's catalog) (Montgomery Ward & Co. 1970:84). The

DeLong improvement consists of a "cam" bent into the shank of a wire hook, restricting its mouth to an opening slightly smaller than the diameter of the wire from which the eye is made. The eye must ride over the cam in order to seat in the hook. The DeLong hook is a more secure closure than its open-mouthed predecessor. The unimproved version is illustrated at the bottom of the same page of the catalog. The DeLong hook and eye is also illustrated in *Symbols Of America* (Morgan 1987:195). The author states that the Richardson & DeLong Bros. company of Philadelphia, manufacturers of the improved hook and eye, used the slogan "See That Hump" (cam). The slogan is said to have occasioned numerous jokes. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18289- Rubber heel from a woman's shoe. The heel (originally attached with 5 nails, which are no longer extant) shows considerable wear. The heel measures 1 3/8" wide at the front edge, and 1 5/8" long. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18397- 17-ligne, white porcelain, 4-hole-attachment shirt button. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18420- 16-ligne, unionid mother-of-pearl, 4-hole-attachment button for woman's apparel. The obverse of the button is embossed with a hexagonal geometric design essentially identical to one illustrated on page 412 (No. 1026) of *JUST BUTTONS* 1972. TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18425- Oval belt buckle or "slide" measuring 1 1/8" in height, 3/8" wide, and made to accommodate a 5/8" belt or strap. The artifact is of ferrous metal, and in size and configuration similar to those illustrated in the 1927 Sears catalog (1970:249). Such buckles/slides were popular during the decade of the 1920s and into the 1930s as decorations for dresses and millinery. TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18433- 26-ligne, 4-hole-attachment, white porcelain button. 54-55S 0-1W TU-G Level 5 West Half.

18511- 18-ligne, 2-hole-attachment, freshwater mother-of-pearl button. 54-55S 0-1W TU-G Level 1 0-10 cmbs.

18454- 18-ligne, 2-piece cuprous metal button with bar/2-hole attachment. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18460- 16-ligne, saltwater mother-of-pearl button with 4-hole attachment. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18472- Three 2-piece ferrous metal buttons with 4-hole attachments. Each has cardboard(?) sandwiched between obverse and reverse halves. All 3 are badly oxidized and only 1 is measurable (26-lignes). The best preserved of the 3 has remnants of the original attachment threads. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18607- 15-ligne, unionid mother-of-pearl, 4-hole-attachment button. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18617- 15-ligne, 4-hole-attachment, freshwater mother-of-pearl button. Feature 1 Level 2 25-45 cmbs.

18627- Leather scrap from shoe repair. Feature 1 Level 2 25-45 cmbs.

18628- Six pieces of shoe sole leather waste from repairs. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18665- Two 30-ligne, ferrous metal, 4-hole-attachment buttons; two 30-ligne, turned bone, 4-hole-attachment buttons (1 of which is incomplete); 18-ligne, plain, undecorated, white porcelain, 4-hole-attachment button; and 16-ligne, unionid mother-of-pearl, 4-hole-attachment button. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18687- One bag of machine-sewn sole fragments and nail-attached heels from both men's and women's footwear. These scraps resulted from repairs. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18688- One bag of thin pieces of leather which *may* represent shoe repair scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18706- Two shoe nails measuring 5/8" and 3/4" respectively. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18719- Two stacked-leather heels secured with ferrous nails. The size of these heels suggest they were once a part of a man's footwear. Included under this catalog number are 2 pieces of leather which were once a part of the same stacked heel. The size indicates that they were from a woman's shoe. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18720- Two bags of leather scraps which appear to have resulted from shoe repairs. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18733- Two 28-ligne unionid mother-of-pearl buttons. 1 has a 2-hole- and the other has a 4-hole-attachment. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18748- 30-ligne, 4-hole-attachment metal button. Nothing remains of the non-ferrous metal from which this button was fabricated, except gray and blue-green oxides. The metal has not been identified. This catalog number also includes four 23-ligne, 2-piece, 4-whole-attachment, ferrous metal buttons and one 30-ligne, 4-hole-attachment, ferrous metal button. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18756- Cuprous metal suspenders adjustment buckle frame (prongs missing) embellished with floral scrolls on the obverse side. On the reverse, one arm is embossed "1855", while the other bears illegible numbers and/or characters which *may* have been the month and day the patent was issued. The frame measures 1 3/16" wide and 3/4" high. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18769- One bag of shoe leather fragments, including 4 stacked-leather heels from 4 different shoes or boots. All the leather appears to have been discards from footwear repairs. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18780- Incomplete, bone collar button. See No. 822 for discussion of bone collar buttons. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-80 cmbs.

18783- Bag of shoe leather scraps from a minimum of 3 square toed men's shoes or boots and stacked-leather heels from at least 1 pair of women's shoes. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18790- 14-ligne, plain, undecorated white porcelain, 4-hole-attachment button. 17-ligne, plain, undecorated white porcelain, 4-hole-attachment button. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18816- 30-ligne, white metal suspender button. Bits of the original attachment thread are still adhering to the button. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18817- 16-ligne, mottled brown/gray/white, 4-hole-attachment porcelain button. Also under this catalog number is a 14-ligne plain white, 4-hole-attachment porcelain button. Feature 1 27.4-28.5N 1.9-3.4E Level 7 105-125 cmbs.

18818- 14-ligne, freshwater mother-of-pearl 4-hole-attachment button. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18825- Small bag of leather scraps resulting from shoe repair. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18826- Five thin leather scraps and one thick piece which was cut off with a knife. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18827- Large bag of leather scraps resulting from shoe repair. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18828- Minimum number of 6 shoes or boots, represented by outer soles. At least 2 seem to form a pair. There are 7 stacked-leather heels which were attached with ferrous tacks. Most show signs of wear, and may constitute refuse from shoe repair. There is one piece

of leather scrap (sole leather) measuring about 1 1/2" long and from 1 5/16" to 5/8" in width. 2 heel fragments appear to be from women's shoes. Feature 1 Level 7.

18855- 17-ligne, white porcelain, 4-hole-attachment button. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18856- 28-ligne, white metal, 4-hole-attachment button. Five 30-ligne, ferrous metal, 4-hole-attachment buttons. Two 24-ligne, ferrous metal, 4-hole-attachment buttons. One 20-ligne, ferrous metal, 4-hole-attachment button. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18857- Incomplete, stamped cuprous metal buckle. This artifact may have served as a decorative rather than a functional piece, due to the thinness of the metal. See catalog No. 18425 above. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18901- 27-ligne, 4-hole-attachment, white metal suspender button. Size and appearance conform to the button described and illustrated as army issue, 1889 (Greene 1986:94-95). Fragments of the sewing thread with which the button was attached are extant. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

19020- Two scraps of shoe or boot repair leather. Collection Unit 30-31N 5-6E Surface.

19036- One 30-ligne, ferrous metal, 4-hole-attachment button. Collection Unit 30-31N 6-7E Surface.

19092- Scrap of a diaphanous blue rayon textile with embroidered long-stemmed flowers. This was originally a part of a woman's scarf. Collection Unit 32-33N 6-7E Surface.

19105- Maroon cotton textile, which is thin and loosely woven. It may once have been part of a blouse. Collection Unit 32-33N 6-7E Surface.

19106- Black textile scrap with 2 evenly spaced rows of machine-sewn perforations near each margin. The thread count is approximately 96 x 192 (warps and wefts per inch). The fabric is lustrous under magnification. It may have been a facing for a dress hem. It measures 1 1/2" in width with the edges turned. Collection Unit 32-33N 6-7E Surface.

19111- 18-ligne, 2-hole-attachment, unionid mother-of-pearl button. Collection Unit 32-33N 6-7E Surface.

19141- 28-ligne work-clothes button (Luscomb 1967: 224) stamped "OAK/BRAND" in low relief on obverse side. Collection Unit 34-35N 5-6E Surface.

19170- 15-ligne, 4-hole-attachment, unionid mother-of-pearl button. Collection Unit 34-35N 5-6E Surface.

- 19171- 26-ligne, 2-hole-attachment, bone button. Collection Unit 34-35N 5-6E Surface.
- 19176- 24-ligne, unionid mother-of-pearl, 2-hole "fish eye" attachment undergarment button sewn to a white textile fragment.
- 19177- Brown shoe/boot lace fragment. Collection Unit 34-35N 6-7E Surface.
- 19180- Cotton, plain weave, textile scrap printed with squares, cross hatching, diamonds, and circles in pink, red, navy blue, and green on a white ground. This small square of material is scissor cut on all 4 sides and may have been a dressmaking scrap. Collection Unit 34-35N 6-7E Surface.
- 19184- Small, thin, leather scrap which may have been part of a shoe upper. Collection Unit 34-35N 6-7E Surface.
- 19218- 31-ligne ferrous metal button with four-hole attachment. 36- 37N 6-7E 0-3 cmbs Dust Zone.
- 19229- Five pieces of thin shoe leather. Collection Unit 36-37N 6-7E Surface.
- 19254- 17-ligne, white porcelain, 4-hole-attachment button. 39-40N 4-5E Dust Zone 0-3 cmbs.
- 19270- 24-ligne, turned bone, 4-hole-attachment button. Collection Unit 39-40N 6-7E Surface.
- 19271- Crocheted edging, which may have been attached to an item of clothing. Collection Unit 39-40N 6-7E Surface.
- 19289- 24-ligne, unionid mother-of-pearl, 2-hole "fish eye" attachment undergarment button. 17-ligne, freshwater mother-of-pearl, 4-hole-attachment shirt button. Collection Unit 39-40.5N 0-1E Surface.
- 19290- 31-ligne, colorless glass, cabochon button. The reverse portion of the cabochon was cast with small, triangular bits of "gold" (brass) glitter backed with black glass. The perimeter of the button is of cuprous metal. The shank is missing. Collection Unit 39-40.5N 0-1E Surface.
- 19291- 28-ligne, turned bone, 4-hole-attachment suspender button. Collection Unit 39-40.5N 0-1E Surface.
- 19335- Brown composition button with 4-hole-attachment measuring 31-lignes. The button is stamped "Lee" at opposite edges with a 5-pointed star at lateral edges. Postdates ca. 1911 (H. D. Lee Company 1974:3). Collection Unit 48-49N 6-7E Surface.

19374- 31-ligne, ferrous metal, 4-hole-attachment button. Also under this catalog number is a 26-ligne, ferrous metal, 4-hole-attachment button. Surface Collection 6.5-10.5N.

19390- 23-ligne, unionid mother-of-pearl, "fish eye" 2-hole-attachment button. 24-ligne, unionid mother-of-pearl, 2-hole-attachment button. 17-ligne, unionid mother-of-pearl, 2-hole-attachment button. 16-ligne, unionid mother-of-pearl, 2-hole-attachment button. 15-ligne, unionid mother-of-pearl, 2-hole-attachment button. Surface Collection 6.5-10.5N.

19458- Ferrous metal disk with a thickened perimeter. This *may* have been a button. It measures about 55-lignes in diameter. Surface Collection 16-21.9N.

19459- Convexo-concave ferrous metal disk which may have been the obverse portion of a 2-piece fabric-covered button. It measures 22 lignes. Surface Collection 16-21.9N.

19473- Thin rubber sheeting scrap with woven textile impression on one side. This may have been part of a raincoat. Surface Collection 16-21.9N.

19475- 30-ligne, white porcelain, 4-hole-attachment button. Surface Collection 16-21.9N.

19476- 24-ligne saltwater mother-of-pearl button. The obverse is concave. The reverse was cut to accept a shank plate. Surface Collection 16-21.9N.

19477- 32-ligne, 2-hole-attachment, unionid mother-of-pearl button. 17-ligne, 24-hole-attachment, salt water mother-of-pearl button. 15-ligne, 4-hole-attachment, unionid mother-of-pearl button. Surface Collection 16-21.9N.

19545- Two segments of a stacked-leather heel from a woman's or child's shoe or boot. They measure 1 15/16" in width and 2 1/8" in length. One of the segments is stamped with the numeral "8." They appear to have been fastened together with cut nails. Surface Collection 18.5N 1.6E.

19554- Pair of badly worn, short, leather work gloves. Each has a cuprous metal button riveted onto the cuff stamped "WRISTFIT" around the perimeter. The portion of the perimeter not occupied by the brand name is stamped with a curvilinear decorative element. Surface Collection 19.5N 1.2E.

19953- 23-ligne, 2-hole-attachment ("fish eye") freshwater mother-of-pearl button. Surface Collection N. End Mess Room 65-74.6 Meters.

19555- Right-hand glove with leather palm, white twilled textile back, and white knit cuff. The glove is badly worn. Surface Collection 20.2N 2.7E.

19957- Ferrous metal corset stay. Surface Collection N. End Mess Room 65-74.6 Meters.

19558- Part of a shoe or boot sole. The regularity of stitching hole spaces suggests that the sole was machine sewn. 21.9N 1.45E.

19712- Short, black, cotton sock with ribbed, non-elasticized top. Surface Collection 25.2N 5.9E.

19737- Plain weave cotton textile, dyed black. It is imprinted (in beige) with a small linear chain-like design interspersed with a stemmed flower. Surface Collection S. End Saddlery 29.3-34.5 Meters.

19964- Buttons: 26-ligne hard rubber with 2-hole attachment, 31-ligne white porcelain with 4-hole attachment, and 17-ligne white porcelain with 4-hole attachment. Surface Collection N. End Mess Room 65-74.6 Meters.

19965- 17-ligne, white porcelain, 4-hole-attachment button; 17-ligne, freshwater mother-of-pearl, 4-hole-attachment button; 16-ligne, freshwater mother-of-pearl button. The obverse is decorated with incised, radiating lines. Surface Collection N. End Mess Room 65-74.6 Meters.

19568- 26-ligne, 4-hole-attachment, ferrous metal button. Surface Collection S. End Day Room 22.3-25.8 Meters.

19580- Two pieces of footwear leather. Surface Collection S. End Day Room 22.3-25.8 Meters.

19624- Three small bits of thin rubber sheeting with textile impression on reverse side, which may have been part of the same artifact as No. 19473 above. Surface Collection 22.3-25.8N.

19629- 17-ligne, blue-gray calico (white porcelain), 4-hole-attachment button. Also under this catalog number is a 24-ligne, ivory colored porcelain, 2-hole-attachment button. Surface Collection 22.3-25.8N.

19653- Complete bone collar button. See catalog numbers 18381 and 18780 above. Surface Collection 22.3-25.8N.

19660- Footwear lace eyelet still attached to a bit of leather. Surface Collection 22.3-25.8N.

19665- Left half sole for a man's shoe or boot and a right half sole for a woman's shoe or boot. The former was attached with ferrous tacks (part of one remaining in sole), while the latter was machine sewn. Surface Collection 22.8N 0.7E.

19679- Leather scrap (shoe leather?). Surface Collection 23.8N-5.0E.

19687- Right sole and parts of a stacked-leather heel for a woman's shoe or boot. Irregular perforations around the perimeter of the sole suggest hand sewing. Fragments of thread are still intact. The heel was secured with ferrous metal tacks. Surface Collection 23.85N 5.35E.

19688- A small quantity of burlap and felted wool(?), once a part of a shoe upper. Surface Collection 23.86N 5.35E.

19695- Leather fragment with a 1/2" ferrous metal tack driven through it. Footwear fragment(?). 25N 5.9E Surface.

19699- 32-ligne, 2-piece ferrous metal button. Method of attachment not determined. 25N 5.9E Surface.

19719- Two pieces of woven, pink colored, 1/2" tape machine sewn together. There are 2 strips of plain weave, percale-like textile (also 1/2" in width) machine sewn together and machine sewn to one end of the tape. This artifact may have been part of an undergarment strap. Surface Collection 27.4N-0.15E.

19749- 36-ligne, ferrous metal, 2-piece button with shank attachment (missing). The obverse was set with a plain-weave textile. Surface Collection 29.3-34.5N.

19751- 30-ligne, ferrous metal, 4-hole-attachment button. Surface Collection 29.3-34.5N.

19756- Small cuprous metal closure half for an adjustment belt on back of vest. The closure was designed to accept a 3/4" belt. Surface Collection 29.3-34.5N.

19768- 23-ligne, 4-hole-attachment, tin-plated ferrous metal button. Surface Collection 31.55N 1.5E.

19773- 28-ligne, 4-hole-attachment, plastic button with a molded design depicting an old-fashioned anchor. Surface Collection 31.55N 1.15E.

19778- Shoe sole scrap. Surface Collection 31-32N 4-5E.

19794- Incomplete leather insole with attachment thread still intact. Surface Collection 33-35N 0-3.5E.

19862- 31-ligne, 4-hole-attachment, ferrous metal button. 24-ligne, 4-hole-attachment, ferrous metal button. Surface Collection 49-58.5N.

19880- 26-ligne, 4-hole-attachment, white porcelain button. 15-ligne, 4-hole-attachment, white porcelain button. Surface Collection 49-58.5N.

19890- 17-ligne, yarn shanked, white plain weave fabric covered, 2-piece button. Surface Collection 49-58.5N.

19896- 20-ligne, 2 -hole-attachment unionid mother-of-pearl button. 16-ligne, 2-hole-attachment unionid mother-of-pearl button. Surface Collection 49-58.5N.

19903- Stacked-leather heel fragment. Also included under this catalog number are three small leather squares with a hole in the center of each. Surface Collection 49-58.5N.

19904- Twenty-two pieces of leather scrap which appear to have resulted from shoe or boot repair. Surface Collection 49-58.5N.

19910- Three pieces of leather scrap which appear to have resulted from shoe or boot repair. Surface Collection 61-64.15N.

19927- 22-ligne, 2-hole attachment, white porcelain button. Surface Collection 61-64.15N.

19928- 20-ligne, 2-hole-attachment, unionid mother-of-pearl button. Surface Collection 61-64.15N.

19929- 28-ligne, 2-piece, textile over white metal button. Reverse and most of obverse has oxidized. The twilled covering appears to have been an off-white cotton. Surface Collection 61-64.15N.

19940- Ten scraps of leather which appear to have resulted from shoe repair. Surface Collection 61-64.15N.

19984- R. leather half sole for footwear. The sole was attached with cuprous screws. Anderson (1968:64) stated that the use of screws in footwear construction was initiated ca. 1912, and probably persisted into the 3rd decade of the twentieth century. Surface Collection N. End Mess Room 65-74.6 Meters.

19985- Three fragments of footwear sole which appear to have been from at least 2 different shoes/boots. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

20009- Two incomplete garter belt grips (woman's) with remnants of light (flesh) colored textile still attached. Surface Collection 65-74.6N.

20010- Spring steel corset closure with cuprous posts to accommodate hooks. Surface Collection 65-74.6.

20013- Two ferrous metal corset stays (1 complete, 1 incomplete) with rounded zinc end caps. Sandwiched between the stays and the end caps are remnants of a felted, paper-like

material (the fibers have the appearance of those of wood) which once covered the stays. Surface Collection 65-74.6N.

20041- Knitted cotton underwear fragment. 65-74.6N.

20042- Incomplete brown cotton sock. Surface Collection 65-74.6N.

20045- Two shoe soles from woman's or child's shoes. Surface Collection 65-77.7N.

20048- Man's square-toed boot fashioned for the right foot. The boot has a stacked-leather heel. Both sole and heel were attached with cut nails. Surface Collection 65-77.7N.

20050- Footwear quarter and part of a sole from a woman's or child's shoe or boot. Surface Collection 65-77.7N.

20051- Eight pieces of leather which appear to have resulted from shoe or boot repair. Surface Collection 65-77.7N.

20052- Stacked-leather heel from woman's shoe. The heel is held together with cut nails. Surface Collection 65-77.7N.

20053- Two shoe soles from two different sizes of women's or children's shoes. Both were attached with pegs and one has the heel intact. It was held together with cut nails. Parts of a high, lace up top may have been part of one of these shoes. Surface Collection 65-77.7N.

20054- Twill woven cotton textile fragment. This white material may have been from a work garment such as coveralls. Surface Collection 65-77.7N

20055- Incomplete garter belt made of a brocaded off-white or cream colored textile. A poorly preserved tab label is imprinted: "Manu.../Cors.../Co..." The company has not been identified. The hook elements from the hook and eye closures on this garment are variants of the improved DeLong hook characterized by the "hump" or cam. The sew through attachment "hole" is offset to one side and the wire is bent so that it results in a three- rather than a two-wire width for the hook. This variant (which would appear to have been patentable) was no doubt re-designed to increase the tensile strength of this type of closure. See catalog No. 18382 above for further information on the hook and eye closure. Mess Room North End 65-77.7 Meters.

20078- One piece of thin, recycled leather, out of which was cut a shape similar to the inner sole of a shoe. 72-73N 1-2E Surface.

20121- Plain weave, white textile "tape" with three black warps alternating with white warps woven into the central portion. The tape measures 3/4" in width. A 5/8" x 7/8"

white over cuprous metal tongueless buckle is attached to one end. This was an underclothing strap. Surface Collection 77.7-82.12N.

20122- Strap with hook attached to one end. This was once a part of artifact No. 20121 above. Surface Collection 77.7-82.12N.

20136- 18-ligne, 4-hole-attachment, white metal button. Surface Collection 77.7-82.12N.

20141- 27-ligne, 4-hole-attachment, white porcelain button; 24-ligne, 4-hole-attachment, white porcelain button; 17-ligne, 4-hole-attachment, white porcelain button. Surface Collection 77.7-82.12N.

20142- Two 36-ligne, white metal loop shank with shank plate attachment, black glass buttons. The obverse surface of the buttons is concave. Surface Collection 77.7-82.12N.

20156- 23-ligne, unionid mother-of-pearl, 2-hole-attachment button. 16-ligne, unionid mother-of-pearl, 2-hole-attachment button. Surface Collection 77.7-82.12N.

20157- 24-, 22-, 18-, 17-, 17-, and 16-ligne mother-of-pearl 4-hole-attachment buttons. Surface Collection 77.7-82.12N.

20159- Leather shoe upper. Surface Collection 77.7-82.12N.

20197- 24-ligne, unionid mother-of-pearl, 2-hole-attachment button. Surface Collection 77.7-82.13N.

20201- Two scraps of leather which *may* be waste from shoe repair. Surface Collection 77.7-82.13N.

20238- 24-ligne, 4-hole-attachment, ferrous metal button. TU-1 58-59S 0-2W.

20242- Half of a mirror image belt buckle for feminine attire. The buckle is stamped of cuprous metal in the shape of a horseshoe. A cross bar and tongue in imitation of a buckle is an integral part of this stamping. The buckle was fashioned to accommodate a belt measuring 1 3/8" in width. TU-1 58-59S 0-2W.

20246- Cuprous metal suspenders adjustment buckle. TU-1 58-59S 0-2W.

20282- 33-ligne, saltwater mother-of-pearl, 2-hole-attachment button. TU-1 58-59S 0-2W.

20396- Stacked-leather heel from woman's shoe. Sewer Trench Trash Pit 9.5N 74E.

20491- Woman's shoe for the right foot with a 6-eyelet, lace-up construction. It is made of top-grain kit skin with a stacked-leather heel and a rubber heel lift. The shoe exhibits

decorative perforations across the toe. Size is estimated to be a 7A (measured with a shoe size caliper). A quite similar oxford is illustrated in the 1922-23 Montgomery Ward Catalog (Montgomery Ward & Co. 1969b:289). Sewer Trench. Provenience Unknown.

20489- Bone collar button. At 3 cents per dozen, bone collar buttons were the least expensive offered in the 1902 Sears catalog (Sears Roebuck & Company 1969:940, 87). Mother-of-pearl collar buttons sold for 5 and 8 cents each, while gold plated ones brought 10 to 25 cents each, and solid gold from 80 to 1.10 each. Sewer Trench. Provenience unknown.

20490- Two-hole-attachment, 24-ligne, freshwater mother-of-pearl button. The button is sewn to a fragment of white knitted textile. The garment was undoubtedly underwear. Sewer Trench. Provenience unknown.

20493- Square-toed boot or shoe sole fragment which had been attached with wooden pegs—remnants of which are extant. Provenience Unknown.

20494- Leather fragment about 11" long and from about 2 1/4" to 3 1/4" wide. Each end exhibits 4 (eyelet?) holes. This may have been part of a shoe or boot upper. Provenience unknown.

20504- 28-ligne, unionid mother-of-pearl, 4-hole-attachment button. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

Exchange

18851- 1872 "shield" 5-cent piece. The shield type nickel, the first of its denomination, was first struck in 1866 (Stack 1986:59). Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

19376- 1891 Liberty seated dime struck at the Philadelphia mint. The "Liberty seated" dime first issued in 1860, was superceded by the "Liberty head" dime, in 1892 (Stack 1986:15-16, 80).

19868- 1910 Lincoln head penny. Also under this catalog number is a 1926D Lincoln head penny. Surface Collection 49-58.5N.

Paper, Writing Materials, and Accessories

17140- Blue and cream (or white) pasteboard. 19-20N 1-2E TU 5 Level 1 0-10 cmbs.

17142- Rubber band. 19-20N 1-2E TU 5 Level 1 0-10 cmbs.

- 17172- Newsprint fragment. Not dated. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17223- Newsprint fragments with a legal notice dating from April 28, 1922. A news article on the other side is dated May 12 (1922?). It concerns a bill introduced by Senator Bursum (R) authorizing 50% cash payment to veterans. 23-24N 4-5E Unit 8 Level 1 0-10 cmbs.
- 17265- Newsprint fragment. Not dated. TU-11 23-24N 1-2E Level 1 0-10 cmbs.
- 17315- Newsprint fragment. Not dated. TU-18 47-48N 6-7E Level 1 0-10 cmbs.
- 17332- Scrap of heavy paper. TU-18 Trench.
- 17377- Wheel thrown stoneware body sherd with a medium light gray paste and a thin brown glaze on the exterior surface. The original diameter of the vessel is estimated at 3 1/2". Although this artifact does not bear a maker's mark, the paste and glaze compare nicely with those of English master inks made by J. Bourne & Son for the Arnold Ink Company, which came in shades of brown. Bourne produced cream colored or white bottles for the Prang and Carter ink companies. English inks were known for their quality throughout the nineteenth century (Munsey 1970:135), and their ceramic containers are common in the American archeological record. TU-A 82-83S 0-1W Level 3 20-30 cmbs.
- 17399- Graphite cylinder (measuring .088" in diameter) from a wood-cased pencil. Marks made with this lead compared favorably with a No. 2 durity Eberhard Faber Grayarc Public 2500. TU-A 82-88S 0-1W Level 4 30-50 cmbs.
- 18373- Incomplete wire paper clip. See catalog number 305 above. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18507- Bent wire paper clip identical in configuration to those currently in use. Catalog availability suggests an initial marketing date post-1897 and pre-1922 for this design (Sears, Roebuck & Co. 1968:355) (Montgomery Ward & Co. 1969a:440). TU-G 54-55S 0-1W Level 1 0-10 cmbs.
- 18575- Newsprint fragments. Not dated. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18576- Scrap of dark, cream colored construction paper. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18620- Cylindrical wooden lead pencil painted a purple gray on the distal end which grades to a pale yellow tan at the cuprous ferrule. The proximal end, above the ferrule, is rounded and painted white. The body of the pencil is stamped "...AN PENCIL CO. N. Y. 171." The "lead" measures .104" in diameter. The properties of this pencil were compared favorably with those of a No. 2 durity Eberhard Faber Grayarc Public 2500. In 1933 the Lead Pencil Institute (organized in 1929 to collect and disseminate data on pencil production and

distribution) listed 10 members who were major manufacturers. Of these, 2 have firm names which include a word ending in "...an"—the American Lead Pencil Company, Hoboken, N.J., and the Mohican Pencil Company of Philadelphia, Pa. (Petroski 1990:293). The American Lead Pencil Company did move its corporate headquarters to New York in 1956, but not until after its name had been changed to the Venus Pen & Pencil Corporation (Petroski 1990:175). This particular artifact may have been the product of one of the small, unaffiliated manufacturers. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18622- Newsprint fragments. No date. Feature 1 Level 2 25-45 cmbs.

18623- Graphite cylinder (measuring .104" in diameter) with a durity of No. 2 from a wooden "lead" pencil. This may be from the pencil (No. 18620) above. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18863- Pale red, square-shaped sealing wax stick end measuring 5/8" in length and 3/8" in diameter. This artifact quite likely dates from the army era at the fort. The military services continued to use sealing wax on confidential documents at least as late as the late 1950s. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18911- Hexagonal wooden lead pencil case fragments. The exterior surface is painted a dark reddish brown. There is a bit of the "lead" (graphite) still adhering to one of the case fragments and two detached pieces from the same provenience. They, like the pencil case are hexagonal in shape. Petroski (1990:250) states that hexagonal pencils with hexagonal leads were being sold at the turn of the century. The detached pieces of lead compared favorably with marks made with a No. 2 Eberhard Faber Grayarc Public 2500. From dark gray-black deposit 150-151 cmbs. Feature 1 Level 9 145-165 cmbs.

18998- Five thin pieces of pasteboard. Collection Unit 35 4-5N 0-1E Surface.

19030- Two newsprint fragments. Not dated. 32-33N 4-5E 0-3 cmbs Dust Zone.

19031- Pasteboard fragment imprinted: "...CAN". There is a 1/16" vertical line to the right of the characters. Letters and line are in black on cream background. 32-33N 4-5E 0-3 cmbs Dust Zone.

19053- Newsprint fragments. Not dated. 31-32N 6-7E 0-3 cmbs.

19069- Four newsprint fragments. Not dated. 32-33N 5-6E 0-3 cmbs. Dust Zone.

19093- Newsprint fragments. One bears the date Dec 10, and another a 1925 copyright date for a commodities report line. These scraps are from a Denver paper. Collection Unit 32-33N 6-7E Surface.

19096- Pasteboard fragment with: "Only products..." imprinted in black characters on a white or off white field. Collection Unit 32-33N 6-7E Surface.

19129- Newsprint fragment. No date. Collection Unit 33-34N 5-6E Surface.

19155- Cardboard match retaining strip measuring 1 5/8" in width. It is imprinted in blue on an off white ground: "Never Neglect Precautions/Put Out Your Matches/and Your Smokes Before/Throwing Them Away." Below the inscription is an eagle with outspread wings with a horizontal "diamond" superimposed on its lower half. Within the diamond is: "Diamond/Matches/U.S.A." The trademark is enclosed in a half-round border (with a "U" shaped notch at the bottom center) which extends from one of the eagles wing tips and under to the other. The line continues over the eagles head and wings, roughly following the contour of that portion of the bird. Below the logo is imprinted "Non Poisonous." A mirror image of the design and inscription (except for the substitution of "No Afterglow" for "Non Poisonous") appears on the opposite half of the retaining strip. The 2 halves of the retaining strip are divided with a blue line. Regardless of which end of the box was opened the user would see the admonition and company trademark. Collection Unit 34-35N 5-6E Surface.

19157- Sales receipt fragment with carbon reverse. The prices of 3 items are penciled in on the obverse: .90, .20, and .38. Among the businesses which used this type of receipt book before tape tallying cash registers were common were grocery stores. Collection Unit 34-35N 5-6E Surface.

19158- Newsprint fragments from "...Wyoming Leader...(?)." No date. Collection Unit 34-35N 5-6E Surface.

19160- Three bits of a multi-colored label (blue, yellow and orange red on a white ground) and 1 scrap imprinted in black characters "Made in Franc...", which may or may not be a part of the label.

19170- One cut bit of pasteboard imprinted "MANUFA (in black)/...FOOD P...(in red)" on a yellow ground. 1 cut bit of pasteboard with a blue field over white, which has an incomplete design in white. 1 scrap of white cardboard with a "P"(?) imprinted in blue. 3 bits of grayish cut cardboard with no imprinting. Collection Unit 34-35N 5-6E Surface.

19173- Scrap of paper which *may* be newsprint. One side is blank, and the other is imprinted with a hatched design in red over yellow. Collection Unit 34-35N 6-7E Surface.

19174- Four bits of newsprint, of which 1 is from the comic section. No dates. Collection Unit 34-35N 6-7E Surface.

19257- Newsprint fragment. No date. 39-40N 5-6E Dust Zone 0-3 cmbs.

19268- Newsprint fragment. No date. 39-40N 6-7E Dust Zone 0-3 cmbs.

19269- Knife-sharpened, cylindrical wooden lead pencil stub measuring 2 1/4" long. There is a plain aluminum eraser ferrule on the proximal end. The eraser is missing and the ferrule is bent into the cavity (teeth?). The lead pencil/eraser combination was patented on March 30, 1858, (No. 19,782) by Hyman L. Lipman of Philadelphia. The patent drawings indicate that the rubber cylinder was incorporated in one end of the wooden pencil case in the same fashion as the graphite rod (Commissioner of Patents, Volume II, 1859). Petroski (1990:180) states that a plain aluminum ferrule is typical of American made economy pencils (in contrast to decorated and often painted brass ferrules which embellish higher quality pencils). Most of the surface has been chewed off, but 2 or 3 traces of blue paint remain. The durability of the graphite compares favorably with that of the Eberhard Faber Grayarc Public 2500 (No. 2) pencil. Collection Unit 39-40N 6-7E Surface.

19365- Small, subcircular dot of heavy paper which may have been removed with a paper punch to accommodate a loose leaf binder. It is dark blue on the obverse and off white on the reverse. Surface Collection 1-6.5N West Wall.

19382- Thin pasteboard scrap. Surface Collection 6.5-10.5N.

19389- Half of a cylindrical wooden case for a lead pencil. This pencil was sharpened with a knife. When it was lost or discarded it was only 1 3/4" long. This pencil was not fitted with a ferrule and eraser, and may in fact have been a better quality drawing pencil. The surface may have been varnished or left unfinished altogether. Surface Collection 6.5-10.5N.

19410- Scrap of thin pasteboard. Surface Collection 6.5-10.5N.

19419- Slate cylinder (pencil) measuring 3/16" in diameter and 3 1/16" in length. Surface Collection 10.5-16N.

19489- Twenty-five bits of thin cardboard which appear to have been part of a box (product package). The exterior surfaces are imprinted in white or dark blue on a medium blue field. Only 3 consecutive characters can be discerned—"...STE..." Surface Collection 16-291.9N.

19651- Scrap of unlined writing paper. Surface Collection 22.3-25.8N.

19710- Newsprint fragment. Not dated. 25N 5.9E Surface.

19765- Empty match book cover from the Homestead Motel in Lingle, Wyoming. Surface Collection 29.44N 4.75E.

19774- Incomplete order form for Dover Books advertising the L. Frank Baum "Oz" books and the travels of Baron Munchausen with illustrations by Dore. "General OF/60" imprinted at the bottom of the page suggests a possible 1960 date for the form. Surface Collection 31.75N 0.45E.

19858- Three complete bent wire paper clips. Surface Collection 49-58.5N.

19932- One wad of pinkish (originally red?) construction paper. Surface Collection 61-64.15N.

19891- Rectangular(?) light green paper label imprinted "3...(horizontal diamond outline enclosing an incomplete, illegible character)...6/I(?)...deal(?)...Bright." This label *may* have been attached to a "paper" of sewing needles. Surface Collection 49-58.5N.

19966- White plastic barrel fragment (distal portion) for ball point pen. N. End Mess Room 65-74.6 Meters.

19995- Three small bits of newsprint. No date. Surface Collection 65-74.6N.

20063- "Turtle back" ink bottle (3 sherds) measuring 1 7/16" high and 2 1/8" in diameter. The neck (with a ground lip) was blown to accept a number 2 tapered cork closure. The metal is tinted a pale blue. The base is embossed "W.Va/691/691." The bottle may have been the product of the West Virginia Bottle and Glass Co. of Morgantown, which Toulouse (1971:534) mentions only in reference to its sale to the Wrightman Glass Co. of Pittsburgh, Pa., in 1906. N. End Mess Room 65-79.6 Meters.

20106- Incomplete front page of the *Wyoming Eagle*, dated Thursday July 23, 1936. 75.9N 6.6E Surface.

20117- Two cuprous metal handle halves from what may have been a letter opener. The handle is plain, without any embossments. The rounded proximal end measures 3/4" at its maximum height and 3/8" at its minimum on the distal end. Length is 3 9/16". The handles were secured by 3 cuprous rivets. Surface Collection 77.3-82.12N.

20152- Paper match book cover. The reverse side depicts a 1/5 gallon or quart sized ardent spirits (bourbon) bottle. The label reads: "KENTUCK.../Grenbrier (in script)/ NONE GENUINE WI...HIS...LA.../WHISKEY/BOTTLED IN... (in script)/ Grenbrie... Dis...ry Co... (in script)." The remnant of the obverse (only 1/4 remaining) is imprinted: "THERE IS NONE BETTER (in quotation marks)." Six matches remain inside the cover. They are imprinted: "THERE IS NONE BETTER", "KENTUCKY GREENBRIER", and "BOTTLED IN BOND." The sequence is repeated on the remaining three matches. Surface Collection 77.7-82.12N.

20153- "Penny" match box with a red, white, and blue label imprinted: "...ADE/...N U.S.A./ (a 5 pointed white star)/UNCLE SAM/SAFETY/MATCHES (all superimposed on a horizontal blue diamond)/...E/...MOND MATCH/COMPANY." The exterior portion of the match box is of thin wood, while the dark blue tray is of pasteboard. Surface Collection 77.7-82.12N

20195- Three bits of pasteboard which *may* have been part of a kitchen match box. Surface Collection 77.7-82.13N.

20481- Circular paper tag with string attachment hole (string missing). Measures 1 1/8" in diameter. This tag could have been attached to the draw string of a pocket cigarette tobacco bag (Bull Durham?). Provenience Unknown.

20482- Cardboard "penny" matchbox cover (wooden matches). The obverse is imprinted in cobalt, red, and white with the embossment "DOMINO/DIAMOND MATCHES" arced above and below the head of a masked girl. The reverse bears a shield with an eagle with outspread wings behind an horizontal diamond. "DIAMOND MATCHES" appears within the diamond, and below the diamond, "USA". The following is imprinted below the shield: "Made in U.S.A./By American Workers/ of American Materials/For American Climate/THE DIAMOND MATCH/COMPANY." Provenience Unknown.

20483- Cardboard card measuring 2 13/16" x 2 1/2" bearing a polychrome likeness of a musk ox. The reverse is imprinted with a description of the animal. It is no longer legible. The top edge retains the "tics" of a broken line cut which facilitated removal of a single card from a series of attached ones. This may have been a prize such as those often packed in breakfast cereal boxes. Provenience Unknown.

20484- Cardboard match retaining strip from a box of "kitchen" matches. It is imprinted: "SAVE VALUABLE COUPON SAVE/REDEEMABLE FOR WM. ROGERS & SON SILVERWARE/TEA SPOON - 6 COUPONS & 17c CASH. TABLE SPOON - 6 COUPONS & 31c CASH./KNIFE - - - 6 COUPONS & 36c CASH. FORK - - - 6 COUPONS & 31c CASH./UNLIMITED GUARANTEE/SEND FOR LIST OF OTHER PREMIUMS/SOMMERS BROS. MATCH CO. Saginaw, Mich./ This Coupon Void in States Having Anti Premium Laws." Provenience Unknown.

20485- Incomplete copy of a *Detective Fiction Weekly* magazine printed on pulp paper. It measures about 9 1/2" x 6 1/2". Imprint reading: "...t. 21st Issue Detective Fiction Weekly on sale Sept. 11" suggests that this issue was dated Sept. 4. A fragmentary advertisement offering analysis of faces from photographs includes the numbers: "9-14-35". If the "35" indicates year, than the publication should date Sept. 4, 1935. Provenience unknown.

20486- Newsprint fragments from the *Minneapolis Tribune* (or *Star*) dated January 10, 1948. Provenience Unknown.

20487- Nearly complete "penny" match box made from thin wood and covered with blue paper on the exterior. A pale yellow label on the obverse depicts two matches set in a wide angled "V" with glowing red heads which meet in the center of the box. The match heads are surrounded by a red "sunburst." The words "Trade" and "Mark" appear at the edges of the sunburst. "Thurber's" is arced at the top of the label. "Safety Match" appears below the match heads. In small letters below "Safety Match" is "H.K. & F.B. Thurber & Co. New York." The reverse is imprinted with striking instructions.

20505- Design patented (No. 1759866, May 27, 1930) Shaeffer's "Skrip" ink bottle complete with ferrous metal cap (Figure 16d). This particular design featured a "pocket" inside the bottle near the top of the finish. By tilting the bottle ink could be induced to flow into the pocket creating a small, shallow reservoir. Such a reservoir would greatly facilitate the filling the fountain pen, especially if the ink level in the bottle was low. Surface 77.4N 5.9E.

Domestic Miscellany and Furnishings

17113- Seventy convex sherds of glass with reverse painting. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17115- Small quantity of coal and cinders. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17116- Sixty-eight wooden matchsticks. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17125- One piece of coal. TU-5 19-20N 1-2E Level 1 0-10 cmbs.

17129- Three pieces of curved glass with gold leaf on reverse (concave) surface. A portion of the reverse is pebbled. Reverse painting was a popular art expression for pictures, lamp shades, and (commercially) for product and services advertising at the turn of the century. Although not enough remains to suggest an identification, this may have been a beer or ardent spirits sign. The brewing and distilling industries made extensive use of this medium during that era. TU-5 19-20N 1-2E Level 1 0-10 cmbs.

17136- Incomplete cuprous metal coronet burner (Thuro 1981:42) from a kerosene lamp. TU-5 19-20N 1-2E Level 1 0-10 cmbs.

17139- Eighteen wooden matchsticks. TU-5 19-20N 1-2E Level 1 0-10 cmbs.

17147- Eight fragments lamp chimney glass. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17166- Eight fragments of plastic flooring tile. White marbling on a tan field. TU-6 22-23N 0-1E 0-10 cmbs.

17167- Mica. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17168- Hexagonal, white, unglazed porcelain tile measuring 1" across. This size, shape and color of tile was popular during the 1920s and 1930s as a floor and counter cover in kitchens and bathrooms. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17169- Small lump of coal. TU-6 22-23N 0-1E 0-10 cmbs.

17175- Two pieces of a pasteboard match retaining strip used inside a "kitchen" match-box. It is imprinted in blue with a stylized bird wing and part of what appears to be a geometric representation of a diamond shape within a circle. Within the "diamond" are the characters "...d/...s." Under and to the right of the circle are the characters "...low." This is part of the trademark of Diamond Match, a division of H. C. Meyers Co., listed in the *Trade Names Dictionary* (Gale Research Co. 1982:301). TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17176- Eighty-nine wooden matchsticks. TU-6 22-23N 0-1E 0-10 cmbs.

17198- Fifteen lamp chimney sherds. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17199- Lantern chimney fragment blown in a blow back or blow over mold. The edge has been ground. TU-7 27-28N 0-1E 0-10 cmbs.

17199- Two milk glass lamp shade fragments. TU-7 27-28N 0-10E Level 1 0-10 cmbs.

17202- Two bits of coal. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17215- Milk glass lamp shade fragment. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17216- Two white, unglazed porcelain, hexagonal tiles measuring 1" x 1/4". Tile of this size and configuration was popular during the 1920s for kitchen and bathroom floors. It was offered for sale in the 1927 Sears catalog (Sears, Roebuck & Co. 1970:1086). TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17217- Six small lumps of coal. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17220- Proximal 2" of a broom or mop handle which exhibits whittling and chopping marks. The handle was severed by chopping. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17221- Twenty-five wooden matchsticks. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17222- Four fragments of wallpaper with linear and "draped" elements. Colors: plum, mauve, green and black.

17224- Short length of "Z" twist hempen twine. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17244- One unglazed hexagonal porcelain tile measuring 1". Tile of this sort was popular in ca. 1920-1930 bathrooms and kitchens. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17248- Two colorless glass lamp chimney sherds. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17264- Three wooden matchsticks. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17269- Colorless lamp chimney sherd. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17280- One broomstraw(?). TU-12 31-32N 1-2E 0-10 cmbs.

17285- One wooden matchstick. TU-15 34-35N 1-2E Surface.

17291- Three bits of charcoal. TU-16 36-37N 6-6.5E Level 2 13-23 cmbs.

17293- Screw hook. Overall length 1 1/8" with 1/2" of 16-pitch threads. TU-17 42-43N 3-4E Level 1 0-10 cmbs.

17307- Lantern chimney embossed "LOC-NOB/PATD 3-10-14 2-18.../H22." The patent (No. 1,089,912) was for a (hinged?) chimney support ring with attached wire retainers on either side which fitted into grooves blown or molded into the chimney. The chimney holder allowed the chimney to be tilted away from the burner and wick (for trimming or refueling) without removing it from the lantern. The patent was granted to Frederick Dietz who assigned it to the R. E. Dietz Company of New York City. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17309- Six bits of coal. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17310- One cinder. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17314- Thirty-one wooden matchsticks. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17319- One bit of charcoal. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17320- Trimmed linoleum scrap. The design is made up of alternating decorated and undecorated geometric (octagonal) figures. The decorated figures are "tessellated" with sage green, sub-ovate elements each bearing a black and forest green rosette in its center—all on a buff/yellow ground. The overall pattern is made up of two decorated and two undecorated octagons converging (on one of their four short sides) at a square. The square is decorated with forest green oval and black sub-square elements. The original process for the manufacture of linoleum was patented in 1869 by Frederick Walton. It consisted of calendaring linseed oil and gum mixed with ground cork onto a canvas or burlap back. The Fort Laramie artifact differed in that cork and linseed oil was pressed

over asphalt-impregnated paper—a process patented by several firms ca. 1913-1914 (Blackman and Dietsch 1982:10, 11). The tarpaper linoleum was less durable than the original, but it was cheaper to manufacture and was available to a broader market. TU-18 47-48N 6-7E Level 1-10 cmbs.

17321- Fragment of two tan colored asphalt tiles still stuck together. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17327- One matchstick. TU-18 Trench.

17329- Two bits of mica. TU-18 Trench.

17330- Four bits of coal. TU-18 Trench.

17350- One small bag of charred wood and charcoal. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17386- One milk glass lamp shade sherd. 3 colorless glass lamp chimney sherds. TU-A 83-83S 0-1W Level 4 30-50 cmbs.

18000- One small lump of coal. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

18013- One wooden matchstick. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18018- One wooden matchstick. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18020- Small bag of charcoal. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18028- One sherd of lamp chimney glass. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18037- Twelve cinders. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18043- Two lamp chimney sherds. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18060- Three ferrous metal wire Christmas tree ornament hangers. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18062- "U. S." clothes pin patent spring (Sears, Roebuck & Co. 1968:139). This clothes pin pattern also referred to as "Holdfast" (Sears, Roebuck & Co. 1970:970). TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18090- Three milk glass lamp shade sherds. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

- 18091- Forty-one colorless glass lamp chimney fragments. TU-C 62-63S 0-1W Level 1 0-10 cmbs.
- 18097- Two fragments of mottled tan/beige asphalt tile. TU-C 62-63S 0-1W Level 1 0-10 cmbs.
- 18102- Three short pieces of cotton twine. TU-C 62-63S 0-1W Level 2 10-20 cmbs.
- 18103- Sub-globular, plain, undecorated white porcelain drawer pull with a cuprous shank. The knob measures 11/16" in diameter. TU-C 62-63S 0-1W Level 2 10-20 cmbs.
- 18105- Two fragments of a milk glass lamp shade. TU-C 62-63S 0-1W Level 2 10-20 cmbs.
- 18121- Drapery hook. TU-C 62-63S 0-1W Level 2 10-20 cmbs.
- 18141- Machine-made bulge comet pearl top kerosene lamp chimney fragment (2 sherds). The pearl top machine was patented in 1883 (Thwing 1972:111, 115). 62-63S TU-C Level 3 20-30 cmbs.
- 18144- Terra-cotta flower pot sherd. 62-63S 0-1W TU-C Level 3 20- 30 cmbs.
- 18173- Fourteen colorless glass lamp chimney sherds, including 1 handmade "pie crust" piece. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18175- Two small sherds of colorless glass with applied cobalt threads from a vase or other decorative vessel. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18176- Two porcelain footring sherds from an embossed decorative vessel. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18177- Mica. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18178- Two cinders. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18182- One bit of rubber insulation for electrical wire. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18183- Fiberboard fragments with white paint on one side. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18184- Three bits of charcoal. TU-D 37-38S 2-3W Level 1 0-10 cmbs.
- 18204- Two mica fragments which may have been part of a heating stove "window." TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

- 18208- One bag of charcoal. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.
- 18230- Twenty-one bits of charcoal. TU-D 37-38S 2-3W Level 4 30-40 cmbs.
- 18242- Five bits of charcoal. TU-D Outside 37-37S 2-3W Level 5 40-50 cmbs.
- 18251- Bracket fragment w/beveled hole to accept flush mounting screw. The bracket is embossed cast ferrous metal with remnants of japanning. Such artifacts were popular ca. turn of the century. The 1902 Sears Catalog (Sears, Roebuck & Co. 1969:578) illustrates several flowerpot brackets which are of a similar style. 31-32S 6-7W Level 1 cmbs.
- 18258- Five colorless glass lamp chimney sherds. 31-32S 6-7W Level 1 0-10 cmbs.
- 18288- One sherd from milk glass lamp shade. TU-F 0-1S 0-1W Level 1 0-10 cmbs.
- 18289- One sherd from a lamp chimney. TU-F 0-1S 0-1W Level 1 0-10 cmbs.
- 18295- One small lump of coal. TU-F 0-1S 0-1W Level 2 10-20 cmbs.
- 18315- Milk glass lamp shade sherd. 0-1S 0-1W TU-F Level 4 30-40 cmbs.
- 18331- Three bits of coal. TU-F 0-1S 0-1W Level 6 50-60 cmbs.
- 18339- One small lump of coal. TU-F 0-1S 0-1W Level 7 60-70 cmbs.
- 18345- Milk glass lamp shade sherd. 0-1S 0-1W TU-F Level 3 20-30 cmbs.
- 18355- One screw hook measuring 1/ 1/2" with 1/2" of 24-pitch threads. TU-G 54-55S 0-1W Level 1 0-10 cmbs.
- 18368- Ferrous metal shaft with cuprous metal ratchet gear from clock. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18385- One small lump of coal. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18388- One small bag of charred wood. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18391- Two sherds of thin porcelain from a decorative vessel. One of these is a rimsherd with a gilt edge and a black, underglaze line along the perimeter of the marli. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18392- Five lamp chimney sherds. One of these sherds exhibits a handmade pearl top. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

- 18396- One sherd from a lamp chimney. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18413- One small lump of coal. TU-G 54-55S 0-1W Level 3 20-30 cmbs.
- 18414- Small bag of charcoal. TU-G 54-55S 0-1W Level 3 20-30 cmbs.
- 18418- Small bag of charcoal. TU-G 54-55S 0-1W Level 4 30-40 cmbs.
- 18431- Small bag of charcoal. TU-G West Half 54-55S 0-1W Level 5.
- 18440- Charcoal sample from the dark gray-black deposit. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.
- 18458- Small bag of charcoal. TU-G 54-55S 0-1W Level 8 70-80 cmbs.
- 18462- Small bag of charcoal. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.
- 18479- Small bag of charcoal. TU-G 54-55S 0-1E Level 10 90-100 cmbs.
- 18508- Clock spring end with remnants of securing rivets. TU-H 18-19S 0-1E Level 1.
- 18537- Two terra-cotta flower pot sherds. TU-C 62-63S 0-1W Level 4 30-40 cmbs.
- 18566- Ferrous metal stove leg. Badly deteriorated and fragmented. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18567- Blue plastic broom "straw." Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18580- Four bits of charcoal. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18581- One chunk of coal. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18584- Three wooden matchsticks. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18586- Hexagonal, white, unglazed porcelain floor or counter tile. See No. 17168 and 17244 above. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18589- Blue, slightly pearlescent, water washed or tumbled pebble. In size and unnatural color it is quite like the brightly dyed pebbles used to decorate the bottoms of fish bowls and tanks. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18596- Five lamp chimney fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18597- Two lamp shade sherds in milk glass. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18602- Rimlock case fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18604- Three glass sherds measuring about .153" thick. One of these pieces has a rounded corner and a shallow ground groove parallel with the edge and 3/16" in from it. The groove measures about 1/16" in width. These sherds *may* have been part of a mirror (although there is no silvering to substantiate it) or a glass panel from a cabinet. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18605- Nine glass sherds measuring about .151" to about .192" thick may well be from the same artifact as No. 18604 above since one of the sherds exhibits a ground groove parallel to one of its margins. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18606- Hexagonal white porcelain tile. See catalog numbers 17168, 17216, 17244, and 18586 above, and 18666 below. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18619- Twenty wooden matchsticks. Feature 1 Level 2 25-45 cmbs.

18626- Small bag of charcoal. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18632- One small lump of coal. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18633- Nicely executed, handmade, decorative, cuprous metal disk measuring about 2 11/16" in diameter (the perimeter is slightly uneven). Portions of the disk are cut out to form a 12-spoked design with foils or peaked arches between the spokes just inside the perimeter. There is a 3/16" hole in the center. This *may* have been an overlay for a clock face. The cutouts would allow the hour numbers to show through. The 1908 Sears catalog (Sears, Roebuck & Co. 1969) illustrates and describes just such a clock face at the bottom of page 347. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18656- Ferrous metal stove leg. Badly rusted. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18666- White porcelain hexagonal tile: 1 complete, 1 cut half and 1 chip. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18668- Two colorless glass lamp chimney fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18669- Six milk glass lamp shade fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

- 18677- Small bag of charcoal. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18679- Fifteen wooden matchsticks. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18713- Cast-iron stovepipe damper measuring about 5 11/16" in diameter. It appears to be essentially identical to one illustrated in the 1897 Sears catalog (Sears Roebuck & Co. 1968:128) which bears a patent date of Mar. 13, 1877. The Fort Laramie artifact is embossed "DUB.../...DAMS..." along the perimeter. Additional embossing 1 1/4" in from the perimeter reads: "DIAMOND/...HONI 9." Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18726- Small bag of charcoal. 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18734- Asphalt-backed blue linoleum with a design in white (discolored), which is too fragmentary to identify. Blackman and Dietsch (1982:9-12) state that asphalt-backed linoleum was introduced ca. 1913 as an economy priced floor covering. Quality linoleum was backed with heavy textile fabric 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 18743- Ten lamp chimney sherds. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18745- Nine milk glass lamp shade sherds. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18753- Incomplete plate from a rimlock. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18773- Small bag of charcoal. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18788- Small bag of charcoal. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.
- 18799- Four lamp chimney sherds. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.
- 18806- Heavy ferrous metal chest handle similar to the one illustrated in the 1922 Montgomery Ward Catalog (Montgomery Ward & Company 1969b:599). Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.
- 18824- Small bag of charcoal. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.
- 18830- Milk glass lamp shade fragments (15) from a shade similar to that illustrated on the student or library lamp in the 1895 Montgomery Ward catalog (Montgomery Ward 1969a:551). Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.
- 18831- Kerosene lamp chimney fragment of colorless glass. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

- 18846- Twenty-one colorless glass lamp chimney sherds. These sherds represent a minimum of three chimneys. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18847- Nine milk glass lamp shade fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18890- One bag of charcoal. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18895- Lamp chimney sherds: 1 colorless, 1 milk glass. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.
- 18923- Incomplete, thin metal leg for a light-weight home appliance such as a portable tub or an oil cooking stove. Feature 1 North Wall Profile.
- 18934- Three milk glass lamp shade sherds. Feature 1 North Wall Profile.
- 18933- Two colorless glass lamp chimney sherds. Feature 1 North Wall Profile.
- 18927- One small bag of charcoal. Feature 1 North Wall Profile.
- 18930- Two bits of wallpaper(?). No design discernable. Feature 1 North Wall Profile.
- 18938- Terra-cotta flower pot sherd. Feature 1 North Wall Profile.
- 18952- Sub-globular wooden handle with an attachment hole drilled completely through. Traces of white paint remain on the surface. Such a handle might have been found on a kitchen cabinet flour sifter. Collection Unit 8 1-2N 6-7E Surface.
- 18966- Wooden matchstick. Collection Unit 18 2-3N 3-4E Surface.
- 18975- Wooden matchstick. Collection Unit 22 3-4N 6-7E Surface.
- 18994- Ferrous metal bucket bail. Collection Unit 35 4-5N 0-1E Surface.
- 18996- Lump of green paraffin (candle wax?). Collection Unit 35 4-5N 0-1E Surface.
- 19044- Two wooden matchsticks. Collection Unit 30-31N 6-7E Surface.
- 19061- One wooden matchstick. 31-32N 6-7E 0-3 cmbs.
- 19077- Ring portion of a "ring tongue" electrical connector. Dust Zone 32- 33N 5-6E 0-3 cmbs.

- 19085- Ferrous metal screw eye measuring 5/8" with 20-pitch threading. Collection Unit 32-33N 6-7E Surface.
- 19091- Six small lumps of coal. Collection Unit 32-33N 6-7E Surface.
- 19097- Nineteen wooden matchsticks. Collection Unit 32-33N 6-7E Surface.
- 19098- All wood 1-piece clothes pin. This artifact is illustrated in the 1908 Sears catalog along with 1 metallic spring pin and 2 spring loaded wooden ones. The all-wood pin is from 40 to over 80 percent cheaper than the other 3 (Sears, Roebuck & Co. 1969:596).
- 19127- Three wooden matchsticks. Collection Unit 33-34N 5-6E Surface.
- 19150- Three small lumps of coal. Collection Unit 34-35N 5-6E Surface.
- 19151- Sixty-one wooden matchsticks. Collection Unit 34-35N 5-6E Surface.
- 19156- One paper match from book of matches. Collection Unit 34-35N 5-6E Surface.
- 19166- One scrap of black, leather-grained vinyl upholstering material. Collection Unit 34-35N 5-6E Surface.
- 19178- One small lump of coal. Collection Unit 34-35N 6-7E Surface.
- 19181- Small bag of charcoal. Collection Unit 34-35N 6-7E Surface.
- 19182- Twenty-six wooden matchsticks. Collection Unit 34-35N 6-7E Surface.
- 19189- One milk glass lamp chimney sherd. Collection Unit 34-35N 6-7E Surface.
- 19191- Five colorless glass lamp chimney sherds. Collection Unit 34-35N 6-7E Surface.
- 19198- Two bits of charcoal. Collection Unit 36-37N 4-5E Surface.
- 19199- One wooden matchstick. Collection Unit 36-37N 4-5E Surface.
- 19211- Three wooden matchsticks. 36-37N 4-5E Dust Zone 0-3 cmbs.
- 19222- Rattan or wickerwork rod. Furniture(?). Collection Unit 36-37N 6-7E Surface.
- 19223- Fourteen wooden matchsticks. Collection Unit 35-37N 6-7E Surface.
- 19226- Two bits of charcoal. Collection Unit 36-37N 6-7E Surface.

- 19227- Short length of jute twine. Collection Unit 36-37N 6-7E Surface.
- 19232- One wooden matchstick. 37-38N 4-5E Dust Zone 0-3 cmbs.
- 19238- Nine wooden matchsticks. 37-38N 6-7E Dust Zone 0-3 cmbs.
- 19278- Coal fragments. 39-40.5N 0-1E Dust Zone 0-3 cmbs.
- 19247- One wooden matchstick. 38-39N 5-6E Dust Zone 0-3 cmbs.
- 19273- Hexagonal tile of white, unglazed porcelain. Quite popular for kitchen and bathroom floors during the first quarter of the twentieth century. 39-40N 6-7E Dust Zone 0-3 cmbs.
- 19274- Miniature kerosene lamp chimney fragment in colorless glass. 39-40N 6-7E Dust Zone 0-3 cmbs.
- 19279- Four wooden matchsticks. 38-40.5N 0-1E Dust Zone 0-3 cmbs.
- 19284- Lamp chimney fragment. 39-40.5N 0-1E Dust Zone 0-3 cmbs.
- 19296- Gas lighting fixture fuel line. This artifact consists of a short length of decorative nickel over cuprous tubing. A 90-degree angle was made through a ball joint. The short end exhibits a finished cap. Collection Unit 39-40.5N 0-1E Surface.
- 19319- Coal fragments. 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 19350- Ferrous metal disk measuring 1" in diameter with a hole in the center. This artifact *may* have been an end plate for a window shade roller. Surface Collection 1-2N East Wall.
- 19353- Four bits of charcoal. Surface Collection 1-2N East Wall.
- 19383- Four wooden matchsticks. Surface Collection 6.5-10.5N.
- 19380- Colorless glass lamp chimney sherd. Surface Collection 6.5-10.5N.
- 19405- Five colorless glass lamp chimney sherds. Surface Collection 6.5-10.5N.
- 19407- Thin, tan colored plastic wall, counter, or floor covering material. Surface Collection 6.5-10.5N
- 19409- Three wooden matchsticks. Surface Collection 6.5-10.5N.

19429- Ten wooden matchsticks. Surface Collection 10.5-16N.

19435- One colorless glass lamp chimney sherd. Surface Collection 10.5-16N.

19443- Two decorative, colorless glass bowl sherds in pressed glass. These sherds exhibit a ribbed design element. Surface Collection 16-21.9N.

19445- Eight colorless glass lamp chimney sherds from at least 2 different, handmade pie crust chimneys. Surface Collection 16-21.9N.

19446- One milk glass lamp shade sherd. Surface Collection 16-21.9N.

19448- One hundred and eighty-four sherds of curved, acid etched, reverse painted, and gold leafed glass which is part of the same artifact No. 17113 above. Among the sherds under this catalog number are three from the lower portion of the sign which bear the following hand-painted characters in black: "...JOHN B. SC(?)H(?)MIDT S(?)I(?)GN...ST. LOU..." (John B. Schmidt Sign Company, St Louis). John B. Schmidt was first encountered in the St. Louis directories in 1890, when he was employed by the Nicholai Sign Company. By the following year (1891) he had apparently decided to start his own business, for he was listed in the directory as president of the John B. Schmidt Sign Company. In 1892 he entered into a short-term partnership with a Mr. Haenschas. From 1893 through 1920 the name of the company with John B. Schmidt as president remained the same. In 1921, a Mr. George Gelke became the president of the John B. Schmidt Sign Company. The company was headquartered at three different addresses over the years; however, 18 North 3rd, a downtown location, was occupied for the longest period of time. A terminal date for the firm was not obtained (Missouri Historical Society, personal communication, 1990). Surface Collection 16-21.9N.

19469- Ferrous metal electrical switch plate adaptor. Surface Collection 16-21.9N.

19471- Two cinders. Surface Collection 16-21.9N.

19472- Three mica electrical circuit insulators. Surface Collection 16-21.9N

19468- Ferrous metal furniture glide measuring 1 1/8" in diameter. Surface Collection 16-21.9N.

19484- Thirty-eight wooden matchsticks. Surface Collection 16-21.9N.

19501- Ferrous metal shelving strip measuring about 11 1/2" in length and 1 3/16" wide. Each edge (long axis) is folded over 1/8" to add strength. There is a keyhole shaped slot and a shelf "keeper" cut into the strip to accommodate a shelf stop key. This shelving strip was not intended for heavy objects. 19.5N 2.2E Surface.

- 19531- Sixteen wooden matchsticks. S. End Mess Room 19-21.9 Meters.
- 19539- Nine sherds from a convex, reverse-painted sign. These are part of artifact No. 19448. Surface Collection 17.2N 3.15E.
- 19541- Heavily embossed cuprous metal "ceiling protector" (smoke bell) from a hanging gas lamp. The 1908 Sears catalog (Sears, Roebuck & Co. 1969:366) illustrates two lamps ("OUR LEADER HALL LIGHT" and "Hall Gas Fixture") which feature quite similar ceiling protectors. This artifact measures 4 1/8" in diameter and is much shallower (1") than the kerosene smoke bell which serves essentially the same purpose. Surface Collection 17.7N 2.1E.
- 19546- Three wooden matchsticks. Surface Collection 18.55N 3.0E.
- 19560- Small bag of charcoal (20.3g). Surface Collection 22.3-25.8N.
- 19574- Coal fragment. S. End Day Room 22.3-25.8 Meters.
- 19577- Charcoal fragments. S. End Day Room 33.3-25.8 Meters.
- 19620- Soft paste, white porcelain rimsherd from a decorative bowl. Decorations include a 1/8"-wide, hand-applied, burnt orange band at the lip, and silk screened(?) leaves below. The leaves are green. This was not a quality article. Surface Collection 22.3-25.8N.
- 19621- White porcelain sherd from a decorative vessel of undetermined shape. Embellishments include an overglaze decal pink element which may have been a flower, and a gilt filagree element which is too incomplete to identify. Surface Collection 22.3-25.8N
- 19622- Seven colorless glass lamp chimney sherds. Surface Collection 22.3-25.8N.
- 19627- Two pieces of mottled tan asphalt tile. These may have been a part of the same floor surface as catalog number 17321 above. Surface Collection 22.3-25.8N.
- 19630- One hexagonal white porcelain tile. See above. Surface Collection 22.3-25.8N.
- 19632- One small bag of coal. Surface Collection 22.3-25.8N.
- 19635- Five wooden matchsticks. Surface Collection 22.3-25.8N.
- 19650- One bit of charcoal. Surface Collection 22.3-25.8N.
- 19651- Hemispherical rubber tip from a base knob (door stop). It measures 7/16" in diameter. Surface Collection 22.3-25.8N.

- 19661- Short length of coated textile electrical tape. Surface Collection 22.3-25.8N.
- 19662- 15" broomstick(?) handle. The "broom" is broken off one end and the other end has been whittled to enable hafting of another "tool" head. Surface Collection 22.3-25.8N.
- 19672- Terrazzo pattern linoleum backed with asphalt impregnated paper. Linoleum was first patented by Frederick Walton in 1869. Walton's process used a mixture of linseed oil, gum, and ground cork or wood flour which was calendered to burlap or canvas. It was not until 1913-1914 that a less expensive variety of linoleum (cork and linseed oil over asphalt paper) was designed for the mass market. The Fort Laramie artifact is representative of the cheaper product. The terrazzo pattern is called "Granite" linoleum by Blackman and Dietsch (1982:9-12). It was produced by rolling chips onto the paper backing. This artifact exhibits 1 nail hole. Frederick Walton also developed the embossed wall covering called "Lincrusta-Walton." 23.3N 6.6E Surface.
- 19683- Milk glass sherd with deep (about 3/4") crimps similar to those on two lampshades and one lamp base illustrated by Smith and Smith (1981:217). Surface Collection 23.8-24.7N 0.7-3.54E.
- 19733- Lamp chimney fragment of colorless glass. S. End Saddlery 29.3-34.5 Meters.
- 19804- Base and part of body from "big bulge" shape lamp chimney (Thuro 1981:48-49). Colorless glass. Surface Collection 34.55N 6.16E.
- 19812- Wooden matchstick. Surface Collection 36.45N 6.75E.
- 19818- Rotary electrical switch part with asbestos board and cuprous contact points. 38.0N 3.7E Surface.
- 19819- Matchstick. 38.0N 3.7E Surface.
- 19843- Three bits of charcoal. Surface Collection 41-46N.
- 19852- Chrome-plated thumb tack. Surface Collection 49-58.5N.
- 19872- Cast-iron appliance (stove?) leg fragment. Surface Collection 49-58.5N
- 19873- Chrome plate over brass kitchen faucet strainer. This strainer is unusual in that it was hinged with a friction clip fastener instead of being screwed on to the threaded faucet mouth. Surface Collection 49-58.5N.
- 19881- Incomplete colorless glass lamp prism. Surface Collection 49-58.5N.
- 19882- Two colorless glass lamp chimney sherds. Surface Collection 49-58.5N.

- 19887- Three wooden matchsticks. Surface Collection 49-58.5N
- 19889- One bit of charcoal. Surface Collection 49-58.5N.
- 19914- Internal part for rim lock. Surface Collection 61-64.15N
- 19919- Short bit of 12-gauge copper electrical wire with a bit of black plastic insulation still adhering to one end. The wire is bent as if to surround a terminal. Surface Collection 61-64.15N.
- 19925- Lamp chimney sherd which includes part of the ground lower edge. Estimated original diameter is 1 1/2". Surface Collection 61-64.15N.
- 19934- One wooden matchstick from "penny" box of matches. Surface Collection 61-64.15N.
- 19936- Thin (about 1/4") section sawn from a broom(?) handle. Surface Collection 61-64.15N.
- 19883- Two milk glass lamp shade sherds. Surface Collection 49-58.5N.
- 19918- One of a pair of ferrous wire handles from a dish pan. Surface Collection 61-64.15N.
- 19959- Lamp chimney fragment of colorless glass. N. End Mess Room 65-74.6 Meters.
- 20002- Shelving standard measuring 1" in width. Surface Collection 65-74.6N.
- 20004- Cast ferrous metal window shade bracket. Surface Collection 65-74.6N.
- 20016- One milk glass lamp shade sherd. Surface Collection 65-74.6N.
- 20038- Six bits of charcoal. Surface Collection 65-74.6N.
- 20041- Eleven pieces of wallpaper bearing at least 2 different floral patterns. The one is light red while the other is green on what is presumed to have been a white or off-white ground. Surface Collection 65-74.6N.
- 20059- Four pieces of ferrous metal shelving standard measuring 1" in width. See catalog number 20041, this section, for identical artifact. Surface Collection 65-79.6N.
- 20065- Loose, plain weave cotton textile, off-white in color. May have been a furniture upholstering fabric. N. End Mess Room 65-79.6 Meters.

- 20144- Two colorless glass lamp chimney sherds. Surface Collection 77.7-82.12N.
- 20146- Octagonally shaped, pressed colorless glass jewel measuring 9/16" x 11/16" in width and length respectively. This jewel was a lamp pendant element. Each end of the long axis exhibits a hole and is furnished with a cuprous metal hook for securing it to the band at the lower margin and to accommodate a second, elongated, and faceted terminal element. Surface Collection 77.7-82.12N.
- 20148- Wooden spool measuring 3/4" in diameter and 1 1/2" in length (15/16", not counting ends). Spools of this type were wound with ferrous or cuprous wire which was used for a variety of household purposes. Surface Collection 77.7-82.12N.
- 20150- Wooden scrub brush back. Bristles missing. Surface Collection 77.7-82.12N.
- 20151- One-piece wooden clothes pin. Distal half cut off. Half the length of the remaining portion bears whittle marks. Surface Collection 77.7-82.12N.
- 20155- Broom straw. Surface Collection 77.7-82.12N.
- 20170- Wire bail from a bucket. Surface Collection 77.7-82.13N.
- 20189- Crimp-top lamp chimney fragment. Surface Collection 77.7-82.13N.
- 20191- Four wooden matchsticks. 77.7-82.13N.
- 20228- Light duty ferrous metal screw hook which could have served to hang mugs, dish towels, etc. TU-1 58-59S 0-2W.
- 20237- Multi-strand copper wire insulated with a black plastic covering. Lamp cord. 23.3-25.8 Meters Outside W. Wall.
- 20248- Rim lock bolt. Thin ferrous sheeting (tin can?). TU-1 58-59S 0-2W.
- 20255- Milk glass lamp shade sherd. 22.3-25.8 Meters Outside W. Wall.
- 20269- Porcelain sherd with overglaze embellishments in red, outlined in black. The design is too incomplete to identify. The sherd is too small to suggest configuration, but it may have had decorative, rather than strictly functional value. 23.3-25.8 Meters Outside W. Wall.
- 20274- Terra-cotta flower pot sherd with vestiges of white paint on exterior surface. 23.3-25.8 Meters Outside W. Wall.

20278- Mica fragment. Mica was used extensively as a "window" covering on wood and coal burning heating stoves to facilitate combustion monitoring. 23.3-25.8 Meters Outside W. Wall.

20281- Two bits of charcoal. TU-1 58-59S 0-2W.

20295- Bail from a 3-gallon(?) bucket. This bail is of heavy stock measuring about .337" in diameter. Sewer Trench.

20309- Bail ear from a small bucket. Traces of japanning are extant. Sewer Trench. Provenience unknown.

20334- White porcelain caster for a light-weight piece of furniture such as a dresser. Unprovenienced.

20352- Cast-iron stove part which appears to be the portion surrounding the top of the water reservoir. Surface 9'-6" From NW Corner E 74'.

20353- Stovepipe fragment with bit of "limecrete" cement (used in pouring FOLA structures) adhering to it. Surface 9'-6" From NW Corner E 74'.

20380- Sixteen sherds from at least 2 lamp chimneys. These sherds include part of a "pie crust" rim fragment which, as a technique, dates from 1877 (Pyne Press 1972:11). 2 sherds are from a flanged lower rim. Flanged lower rims were designed to be secured by a hinged burner. Such burners could be tilted for filling the font without removing the chimney. Surface 9'-6" From NW Corner E 74'.

20381- Milk glass lamp shade fragment. Surface 9'-6" From NW Corner E 74'.

20382- Four pressed glass sherds from a shallow bowl. The design, which has not been identified, is made up of oval elements with a vertical orientation and pointed ends. The ovals are filled with small squares. Long, narrow pointed elements are interspersed with the ovals. The glass quality is poor and details lack sharpness. This decorative piece was late and inexpensive. Sewer Trench Trash Pit 9'-6" N 74'E.

20388- Five sherds from a porcelain plate measuring about 7 1/2" in diameter. The edge is unevenly scalloped. The marli and well are textured with a scalloped pattern. The marli is embellished with random touches of pink/lavender luster. The plate is technically well executed. It may have been decorative rather than strictly functional. It may have been of continental manufacture. Surface 9'-6" From NW Corner E 74'.

20425- Heavy cast ferrous metal firegrate section from a stove. Sewer Trench North Side 22-255W.

20437- Cut nails: 40d- 1, incomplete- 2. Wire nails: 40d- 1, 10d- 1, 3d- 1. Also included under this catalog number is a commercially made ferrous metal pole bracket for use with 1" curtain poles. The 1922 Montgomery Ward Catalog (Montgomery Ward & Co. 1969:479) illustrates a more elaborate version of this hanger under "Brassed Pole Brackets." Sewer Trench North Side 22-255W.

20439- Ferrous metal disk measuring 3 9/16" in diameter. There is a 3/8" hole in the center. At one point the hole perimeter was stretched and bent, perhaps by a nail. A 7/8" diameter roofing disk was secured by the bent over edge of the larger disk. The two artifacts may have served as a single, unusually large roofing disk. Sewer Trench North Side 22-255W.

20440- Two short lengths of barbed wire made under patent No. 207,710, recorded September 3, 1878. The patentee was a J. Brotherton of Ames, Iowa (James 1966:91-92).

20467- Nineteen sherds from a milk glass lamp shade. Includes 1 sherd with a ground edge and 1 sherd with an infolded edge. Sewer Trench North Side 22-255W.

20478- Piece of basketweave (double warp/double weft) fabric made of coarse fibers similar to jute. There is a finished edge. Fabrics such as this were often used for inexpensive floor coverings. Sewer Trench. Provenience unknown.

20507- Ten aqua tinted glass electrical insulator sherds from 2 different styles of insulators (both manufactured by Hemingray). Only one of the styles has been identified. It has been assigned the consolidated number (c.d.) 106 by Milholland and Milholland (1971:26). Their illustration is of one of this series without drip points. The FOLA artifact is a "Hemingray No 9," ca. 1893. The Hemingray company was in business under that name 1871-1969 (Milholland and Milholland 1971:7). TU-C 62-63S-0-1W Level 1 0-10 cmbs.

Tools

17157- Hack blade fragment with 15 teeth per inch. This type of blade was used to cut large sections of mild material. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

18001- Hammer wedge: 1"- 1. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18004- Hammer wedge: 1"- 1. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18066- Three pieces of a large, single cut file measuring 1 1/2" in width and 1/4" thick. TU-C 62-63S 0-1E Level 1 0-10 cmbs.

18520- Hacksaw blade fragment. TU-H 18-19S 0-1W Level 2 10-20 cmbs.

- 18534- Hacksaw blade fragment. TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.
- 18640- Ferrous metal shovel blade socket. Badly oxidized. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18757- Four short pieces of multi-strand ferrous metal cable measuring about 3/16" in diameter. Cable of about this size was used as a component in a tackle block fence stretcher or a light duty "come along." The 1922 Montgomery Ward catalog (Montgomery Ward and Co. 1969b) illustrates a tackle block fence stretcher which used 3/8" rope. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18793- Hacksaw blade fragment. This blade has an estimated 14 teeth per inch and was designed to cut large sections of mild material. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.
- 18870- Taper/triangular file measuring 5 1/2" tip to heel with a 1 1/4" tang. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 19428- Incomplete octagonally shaped (in cross section) tool handle made of wood. Surface Collection 10.5-16 Meters.
- 19495- Half of a brace chuck jaws (brace & bit). S. End Mess Room 19-21.9 Meters.
- 19512- Hacksaw blade fragment. S. End Mess Room 19-21.9 Meters.
- 19544- Small (12"), essentially complete miter saw blade. Handle missing. Surface Collection 17.8N 1.4E.
- 19668- Spray wand/nozzle attachment nut for garden sprayer. Surface Collection 23.12N 3.0E.
- 20166- Incomplete auger bit represented by the tang, shank, and a part of the twist. The tang is die struck with the characters "NPS." There is no size marking but a measurement of the twist (1/2" diameter) suggests it is an "8" (for 8/16"). Surface Collection 77.7-82.13N.
- 20314- Forged 9 1/2" masonry trowel. "Philadelphia Pattern" illustrated in the 1865 Russell and Erwin catalog (Russell and Erwin Manufacturing Company 1980:299). Such trowels are still available in the marketplace. Sewer Trench. Unknown Provenience.
- 20349- Ferrous metal bolt from cradle scythe grip. Surface 9'-6" From NW Corner E 74'.
- 20428- Hatchet head with a nail pulling slot. Sewer Trench North Side 22-255W.

20429- One half of a ferrous metal ring which originally measured 5 1/2" in diameter. The rod used to fashion this artifact measures 3/4" thick. There are 3 scars on the inside perimeter which appear to be remnants of spokes. The complete artifact may have been a valve wheel or handle for an irrigation pipe. Sewer Trench North Side 22-255W.

20430- Ferrous metal foundry stock measuring 1 1/4" wide and 1/4" in thickness. Four 3/8" holes were bored along its length. It may have served originally as a reinforcing strip for something like a wagon box. The strip measures about 12" in length. It appears to have been re-utilized as a *pry bar*, since one end has been thinned and bent back at about a 95-degree angle. Sewer Trench North Side 22-255W.

20492- This artifact consists of two pieces of leather held together with ferrous rivets. One edge is sewn and tooled on both sides just above the stitches. This may have served as an edge protector or scabbard for a tool. Provenience Unknown.

Tools (Aboriginal)

17124- Chert biface fragment. TU-5 19-20N 1-2E Level 1 0-10 cmbs.

17231- Modified chert flake. TU-9 31-32N 5-6E Level 1 0-20 cmbs.

18111- Pressure flake. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18206- Flake with some evidence of purposeful retouch on one edge. Unit D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18231- Small chert flake with bulb of percussion. TU-D 37-38S 2-3W Level 4 30-30 cmbs.

18466- Chert debitage nodule. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18518- Bifacial quartzite flake. TU-H 18-19S 0-1E Level 1 0-10 cmbs.

20279- Modified chert flake with bulb of percussion. TU-1 58-59S 0-2W.

Fasteners, Building Hardware, and Materials

17090- Wire nails: 7d (casing)- 1, 4d- 1, incomplete- 1. Cut nails: 19d- 3, 2d- 20, incomplete- 7. TU-1 2-4N 2-3E Level 1 0-5 cmbs.

17091- Flat Glass:

1 .093 .093 .093

2 .093 .093 .093

3 .092 .092 .092
4 .092 .093 .093
5 .063 .064 .063

TU-1 2-4N 2-3E Level 1 0-5 cmbs.

17093- Glazier's putty. Obverse was painted reddish brown. TU-1 3-4N 2-3E Level 1 0-5 cmbs.

17098- Wire(?) nails: incomplete- 4. TU-2 5-6N 6-7E Level 1 0-10 cmbs.

17102- Cut nails: 20d- 1, 12d- 1, incomplete- 13; wire nails: 3d- 1, incomplete- 2. TU-3 10-11N 2-3E Level 1 0-4 cmbs.

17104- Flat glass:

1 .080 .078 .077
2 .087 .086 .085
3 .096 .095 .094
4 .095 .097 .098
5 .075 .075 .075
6 .099 .102 .103
7 .077 .080 .080
8 .105 .105 .106
9 .076 .076 .076
10 .086 .084 .083
11 .090 .090 .090
12 .105 .106 .106
13 .089 .090 .092
14 .091 .089 .088
15 .107 .107 .106
16 .096 .091 .086
17 .076 .076 .076
18 .088 .087 .085
19 .090 .090 .089
20 .080 .080 .080
21 .095 .092 .094
22 .090 .090 .091
23 .078 .077 .077
24 .106 .106 .106
25 .090 .090 .089
26 .076 .076 .077
27 .114 .114 .113
28 .080 .080 .081
29 .088 .087 .087
30 .076 .076 .076

31 .086 .086 .086
32 .071 .071 .070
33 .106 .104 .101
34 .095 .095 .092
35 .086 .086 .086
36 .087 .087 .086
37 .077 .077 .077
38 .096 .095 .092
39 .076 .078 .078
40 .077 .077 .078
41 .075 .074 .075
42 .074 .075 .075
43 .081 .078 .076
44 .076 .075 .075
45 .081 .079 .076
46 .087 .087 .087
47 .091 .091 .090
48 .079 .079 .079
49 .075 .075 .075
50 .075 .075 .075
51 .078 .078 .078
52 .087 .087 .087
53 .078 .077 .077
54 .088 .088 .089
55 .087 .086 .085
56 .080 .080 .080
57 .088 .088 .088
58 .106 .106 .106
59 .105 .106 .106
60 .088 .088 .088
61 .086 .087 .087
62 .083 .083 .083
63 .093 .095 .095
64 .086 .086 .086
65 .082 .087 .087
66 .074 .074 .074
67 .087 .087 .087
68 .079 .079 .079
69 .105 .104 .103
70 .076 .076 .075
71 .076 .076 .076
72 .085 .085 .085
73 .076 .076 .076
74 .076 .076 .076

75 .100 .100 .100
76 .075 .076 .075
77 .085 .086 .086
78 .077 .078 .079
79 .103 .104 .104
80 .106 .106 .106
81 .097 .103 .106
82 .080 .080 .080
83 .076 .076 .076
84 .075 .076 .076
85 .076 .077 .078
86 .078 .078 .078
87 .081 .083 .085
88 .075 .075 .075
89 .083 .088 .089
90 .088 .089 .089
91 .081 .082 .082
92 .075 .075 .076
93 .088 .090 .092
94 .080 .079 .079
95 .082 .083 .083
96 .089 .089 .089
97 .082 .083 .084
98 .088 .088 .089
99 .079 .079 .080
100 .106 .107 .107
101 .080 .080 .080
102 .085 .086 .086
103 .089 .089 .088
104 .087 .088 .088
105 .074 .075 .075
106 .079 .078 .078
107 .057 .057 .057
108 .086 .086 .086
109 .105 .105 .106
110 .079 .079 .079
111 .083 .087 .090
112 .071 .071 .071
113 .090 .091 .091
114 .076 .075 .075
115 .077 .077 .077
116 .097 .110 .111
117 .090 .090 .090
118 .083 .083 .083

119 .077 .077 .077
120 .058 .059 .059
121 .083 .083 .084
122 .087 .087 .087
123 .104 .105 .105
124 .056 .056 .056
125 .077 .077 .078
126 .074 .074 .074
127 .083 .085 .084
128 .079 .080 .080
129 .080 .080 .080
130 .077 .078 .078
131 .080 .081 .080
132 .077 .077 .076
133 .074 .074 .074
134 .106 .106 .106
135 .078 .078 .078
136 .079 .079 .079
137 .078 .078 .078
138 .089 .089 .089
139 .103 .104 .104
140 .085 .085 .085
141 .071 .071 .071
142 .080 .080 .080
143 .089 .089 .088
144 .076 .076 .077
145 .076 .077 .077
146 .080 .080 .080
147 .077 .077 .076
148 .080 .080 .080
149 .080 .080 .080
150 .056 .056 .056
151 .103 .104 .104
152 .056 .057 .056

17111- Cut nails: 12d- 1, 10d- 3, 8d- 3, 6d- 7, 3d- 1, incomplete- 27. Wire nails: 10d- 1, 8d- 9, 6d- 2, 5d- 2, incomplete- 4. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17114- 11 bits of lime mortar. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17126- Lime plaster. TU 5 19-20N 1-2E Level 1 0-10 cmbs.

17128- Flat glass:

1 .086 .086 .086

2 .057 .059 .059

3 .078 .079 .079

TU 5 19-20N 1-2E Level 1 0-10 cmbs.

17135- Wire nails: 8d- 10, incomplete- 8. Cut nails: 9d- 2, incomplete- 6. Flathead wood screws: 1 1/2", 12-pitch- 1, incomplete, 14-pitch- 1. TU 5 19-20N 1-2E Level 1 0-10 cmbs.

17149- Wire nails: 8D- 3, 7d- 2, 4d- 1, 3d- 5. Casing nail: 8d-1. Finishing nail: 4d- 1. Large head nail: 7/8"- 1. Incomplete- 3.

17150- Cut nails: 20d- 3, 10d- 2, 8d- 5, incomplete- 8. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17151- 1" fencing staple. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17152- 3/4" ferrous metal washer. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17186- Wire nails: 40d- 1, 7d- 1. Cut nails: incomplete- 1. TU-6 22-23N 0-1E Level 2 10-20 cmbs.

17158- 6" carriage bolt with 1 1/8", 16 pitch threading; 4 5/8" carriage bolt (threading too oxidized to measure); 3 5/8" carriage bolt with 7/8", 18-pitch threading. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17160- 8 roofing disks. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17170- Bits of lime plaster with horsehair binder. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17188- Flat glass:

1 .068 .070 .071

TU-6 22-23N 0-1E Level 2 10-20 cmbs.

17189- Cut nails: 12d- 5, 8d- 1, 6d- 2, 3d- 1, incomplete- 24. Wire nails: 8d- 1, 3d- 1. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17190- Cut nails: 2d- 1. Wire nails: 10d- 1, 8d- 1, 7d- 2, 4d-2, 3d- 3, 13/16" oval head-1, incomplete- 10. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17191- 10 complete and 2 incomplete roofing disks. Each measures 1" in diameter. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17197- Flat glass:

1 .089 .093 .088

2 .074 .074 .074

3 .095 .096 .096
4 .093 .092 .092
5 .087 .088 .089
6 .098 .100 .101
7 .090 .097 .095
8 .107 .107 .106
9 .101 .102 .103
10 .080 .081 .081
11 .103 .104 .104
12 .090 .092 .093
13 .096 .097 .099
14 .103 .102 .100
15 .079 .078 .078
16 .097 .099 .100
17 .100 .097 .090
18 .061 .062 .060
19 .081 .083 .083
20 .097 .098 .098
21 .078 .078 .078
22 .089 .086 .086
23 .087 .086 .086
24 .097 .096 .095
25 .086 .086 .085
26 .098 .098 .099
27 .093 .093 .093

TU-7 27-28N 0-10E Level 1 0-10 cmbs.

17201- 20 pieces of lime mortar. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17203- 1 bit of glazier's putty with window pane impression. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17204- Light-weight white canvas drop cloth scrap with white paint on a part of it. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17207- Roofing felt scraps. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17210- Wire nails: 7d- 1, incomplete- 1. Cut nails: 2d- 1. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17211- Cut nails: 8d- 1, incomplete- 3. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17213- Flat glass:

1	.117	.121	.117
2	.099	.101	.105
3	.116	.115	.111
4	.115	.107	.099
5	.111	.110	.110
6	.097	.095	.094
7	.110	.108	.106
8	.092	.101	.104
9	.093	.093	.092
10	.092	.095	.093
11	.101	.099	.094
12	.062	.060	.058
13	.120	.115	.102
14	.093	.093	.094
15	.102	.106	.108
16	.095	.097	.098
17	.110	.110	.109
18	.089	.090	.088
19	.075	.076	.076
20	.085	.084	.084
21	.087	.090	.093
22	.096	.104	.109
23	.108	.104	.099
24	.112	.111	.109
25	.109	.105	.103
26	.063	.065	.068
27	.111	.113	.114
28	.083	.082	.082
29	.092	.093	.088
30	.093	.089	.087
31	.122	.122	.122
32	.085	.085	.085
33	.082	.087	.087
34	.073	.073	.074
35	.094	.094	.093
36	.096	.092	.092
37	.094	.094	.094
38	.085	.086	.087
39	.111	.112	.111
40	.088	.088	.088
41	.086	.085	.085
42	.089	.090	.090
43	.085	.087	.089

44 .096 .096 .096
45 .086 .086 .086
46 .113 .113 .113
47 .092 .096 .099
48 .084 .084 .083
49 .088 .088 .087
50 .091 .090 .090
51 .092 .092 .092
52 .093 .093 .092
53 .093 .093 .092
54 .075 .075 .075
55 .084 .085 .086
56 .093 .094 .094
57 .087 .088 .087

TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17218- Glazier's putty. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17219- Milled wood fragments. TU-8 23-24N 4-5E Level 1 0-10 cmbs.

17233- Cut nails: 8d- 1, incomplete- 6. TU-9 31-32N 5-6E Level 1 0-20 cmbs.

17235- Flat glass:

1 .094 .094 .095

TU-9 31-32N 5-6E Level 1 0-20 cmbs.

17237- Post, from post and lintel construction. TU-9 31-32N 5-5.5E Bottom At 62 cmbs.

17238- Cut nails: 10d- 1, 4d- 1. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17239- Wire nails: 7d- 1, 4d finishing- 1. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17240- Fencing staples: 1 1/2"- 1, 1 1/4"- 1 (incomplete). TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17241- 1 complete and 1 incomplete roofing disk. TU-10 23-24N 2-3E Level 1 0-10 cmbs.

17252- Cut nails: incomplete- 4. Wire nails: 8d- 1, 10d- 1, incomplete- 2. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17253- 7/8" flathead wood screw with 12-pitch threading. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17254- Split lock washer measuring 1/2" in diameter. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17255- 1 complete roofing disk. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17267- Plaster fragment with matte-finish sky-blue paint on surface. TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17270- Flat glass:

1 .074 .074 .074

2 .073 .073 .073

3 .095 .095 .092

4 .105 .105 .105

5 .089 .087 .089

TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17274- Cut nails: 3d- 1, incomplete- 9. TU-12 31-32N 1-2E 0-10 cmbs.

17277- Flat glass:

1 .089 .089 .089

2 .080 .081 .081

3 .095 .095 .095

4 .094 .095 .095

TU-12 31-32N 1-2E Level 1 0-10 cmbs.

17281- Wire nails: 8d- 2, incomplete- 2. TU-13 36-37N 4-5E Level 1 0-3 cmbs.

17283- Conduit strap painted matte white. TU-14 31-32N 6-7E Surface.

17284- Cut nails: incomplete- 1. Wire nails: 8d- 8. TU-14 31-32N 6-7E Surface.

17286- Wire nail: 5d finishing- 1. TU-15 34-35N 1-2E Surface.

17289- Lime mortar. TU-16 36-37N 6-6.5E Level 1 3-13 cmbs.

17290- Lime mortar. TU-16 36-37N 6-6.5E Level 2 13-23 cmbs.

17294- Wire nail: 7d- 1. TU-17 42-43N 3-4E Level 1 0-10 cmbs.

17302- Cut nails: 2d- 1. Wire nails: 60d- 1, 9d- 4, 4d- 1, 3d-1. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17303- Cut nails: 10d- 1, 3d- 3, incomplete- 11. TU-18 47-48N 5-6E Level 1 0-10 cmbs.

17304- Screen door hook. TU-18 47-48N 5-6E 0-10 cmbs.

17306- Flat glass:

1 .099 .098 .098
2 .104 .104 .103
3 .084 .085 .085
4 .065 .065 .069
5 .072 .072 .072
6 .105 .105 .106
8 .064 .065 .065
9 .087 .087 .087

TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17311- 3 bits of lime mortar. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17312- 3 bits of lime plaster with woodgrain impressions on reverse. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17325- Cut nails: 20d- 1, incomplete- 6. TU-18 Trench.

17331- 1 small piece of roofing felt. TU-18 Trench.

17338- Cut nails: 8d- 1, 6d- 1, 4d- 3, incomplete- 2. Wire nails: 16d- 1, 10d- 2, 8d- 4, 6d- 1, 4d- 1, 3d- 3, incomplete- 1.

17340- Flat glass:

1 .085 .085 .084
2 .082 .072 .082
3 .087 .088 .089
4 .112 .113 .113
5 .101 .100 .100
6 .082 .082 .081
7 .083 .084 .084
8 .080 .080 .080
9 .091 .091 .091
10 .092 .093 .093
11 .073 .073 .072
12 .085 .087 .088
13 .090 .092 .093
14 .090 .088 .085
15 .113 .112 .112
16 .079 .079 .079
17 .089 .090 .090
18 .086 .086 .085

19 .082 .083 .082

20 .078 .078 .077

TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17341- Brick fragment with lime mortar adhering to it. TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17342- One chunk of lime mortar. TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17346- Four bits of glazier's putty with dark red paint on one surface. TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17348- One piece of rubber electrical wire insulation. TU-A 82-83S 0-1W Level 1 0-10 cmbs.

17352- Cut nails: 10d- 1, 6d- 1, 4d- 7, incomplete- 14. TU-A 82-83S 0-1W Level 2, 10-20 cmbs.

17353- Wire nails: 10d- 2, 8d- 3, 8d finishing- 1, 3d- 10, incomplete- 2. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17355- Flat head wood screw measuring 1 1/4" cut 7/8" with 13-pitch threads. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17361- Lime mortar. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17362- One small chunk of lime plaster. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17363- Two bits of glazier's putty with dark red paint on one surface. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17364- One small brick fragment. TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17368- Flat glass:

1 .088 .087 .086

2 .091 .090 .088

3 .080 .079 .078

4 .088 .087 .085

5 .075 .074 .074

6 .086 .088 .088

7 .088 .087 .087

8 .076 .077 .077

9 .104 .106 .107

10 .095 .094 .094

11 .084 .084 .083
12 .095 .095 .094
13 .095 .091 .087
14 .083 .084 .083
15 .091 .090 .090
16 .097 .098 .098
17 .084 .086 .086
18 .083 .083 .082
19 .101 .102 .103
20 .077 .077 .076
21 .074 .074 .073
22 .084 .085 .085
23 .080 .081 .082
24 .140 .138 .137
25 .085 .085 .086
26 .088 .090 .090
27 .096 .096 .095
28 .079 .079 .079
29 .104 .104 .104
30 .092 .091 .091
31 .092 .091 .091
32 .084 .085 .085
33 .084 .083 .083
34 .102 .102 .102
35 .112 .113 .112
36 .077 .077 .077
37 .102 .102 .101
38 .121 .121 .120
39 .067 .067 .067
40 .097 .098 .097
41 .108 .108 .108
42 .101 .101 .102
43 .100 .100 .099
44 .077 .077 .077
45 .081 .081 .080
46 .079 .079 .080
47 .074 .074 .074
48 .101 .101 .101
49 .068 .068 .068
50 .067 .067 .067
51 .074 .074 .075
52 .071 .071 .071
53 .075 .075 .075
54 .083 .083 .084

55 .091 .091 .091
56 .089 .090 .090
57 .075 .076 .076
58 .103 .103 .103
59 .090 .091 .091
60 .093 .093 .093

TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17369- Flat glass:

1 .059 .059 .059
2 .059 .059 .059

TU-A 82-83S 0-1W Level 2 10-20 cmbs.

17370- Cut nails: 20d- 2, 8d- 1, 4d- 6, horseshoe nail- 1, incomplete- 24. Wire nails: 16d- 2, incomplete- 3. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17371- Cut nails: 60d- 1, 16d- 1, 10d- 2, 8d- 1, 6d- 2, 3d- 7, incomplete- 8. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17372- Incomplete, unembossed, cast ferrous metal sash hook lift exhibiting a countersunk screw hole. A similar article (No. 9R441) is illustrated in the 1902 Sears catalog (Sears, Roebuck & Co. 1969:536). TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17375- Flat glass:

1 .096 .094 .088
2 .073 .072 .072
3 .105 .106 .106
4 .109 .108 .107
5 .074 .074 .075
6 .098 .097 .099
7 .097 .096 .095
8 .089 .090 .090
9 .120 .115 .110
10 .121 .121 .121
11 .082 .081 .081
12 .108 .107 .105
13 .103 .103 .102
14 .082 .081 .081
15 .105 .105 .106
16 .101 .102 .102
17 .060 .060 .057
18 .077 .077 .077
19 .100 .099 .099
20 .071 .069 .065

21 .079 .079 .078
22 .077 .085 .087
23 .090 .090 .089
24 .084 .084 .084
25 .105 .105 .105
26 .102 .102 .103
27 .088 .087 .086
28 .121 .121 .120
29 .080 .080 .079
30 .102 .102 .102
31 .112 .112 .111
32 .089 .089 .090
33 .085 .083 .083
34 .107 .107 .108
35 .080 .080 .081
36 .111 .114 .118
37 .121 .121 .121
38 .108 .109 .110
39 .078 .078 .079
40 .084 .084 .084
41 .107 .109 .113
42 .103 .103 .104
43 .085 .085 .086
44 .076 .076 .077
45 .120 .119 .118
46 .083 .083 .082
47 .084 .086 .086
48 .111 .110 .110
49 .066 .068 .067
50 .101 .100 .100
51 .077 .077 .076
52 .079 .079 .078
53 .085 .084 .084
54 .073 .075 .075
55 .067 .067 .068
56 .061 .062 .062
57 .087 .086 .086
58 .101 .101 .101
59 .111 .112 .112
60 .115 .115 .115
61 .107 .109 .111
62 .089 .089 .090
63 .080 .080 .079
64 .078 .078 .079

65 .072 .072 .072
66 .082 .082 .081
67 .093 .093 .092
68 .080 .080 .079
69 .067 .067 .067
70 .115 .116 .117
71 .073 .074 .074
72 .111 .111 .111
73 .077 .078 .077
74 .077 .077 .077
75 .063 .064 .063
76 .084 .084 .084
77 .060 .060 .060
78 .081 .081 .081
79 .081 .079 .080
80 .105 .105 .105
81 .082 .082 .081
82 .062 .062 .062
83 .076 .077 .077
84 .086 .086 .085
85 .097 .100 .101
86 .083 .083 .085

TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17379- Brick fragment. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17383- Flat glass:

1 .089 .088 .089
2 .091 .091 .092
3 .077 .076 .076
4 .077 .078 .078
5 .075 .075 .074
6 .071 .071 .072
7 .091 .091 .091
8 .092 .092 .093
9 .075 .077 .077
10 .092 .092 .092
11 .093 .093 .093
12 .087 .087 .088
13 .078 .079 .078
14 .075 .075 .075
15 .085 .086 .086
16 .085 .085 .084
17 .088 .088 .088

18 .089 .091 .091
19 .103 .105 .108
20 .088 .087 .087
21 .095 .096 .097
22 .088 .087 .086
23 .109 .109 .108
24 .076 .076 .075
25 .083 .084 .084
26 .074 .074 .073
27 .075 .075 .074
28 .088 .089 .089
29 .078 .077 .076
30 .106 .106 .106
31 .088 .088 .088
32 .077 .077 .079
33 .105 .106 .105
34 .088 .088 .088
35 .086 .086 .086
36 .103 .104 .105
37 .074 .074 .074
38 .081 .081 .072
39 .077 .076 .075
40 .075 .074 .073
41 .072 .072 .072
42 .073 .073 .073
43 .075 .075 .075
44 .081 .082 .082
45 .082 .082 .082
46 .109 .110 .110
47 .071 .071 .070
48 .070 .071 .070
49 .080 .080 .080
50 .069 .070 .070
51 .081 .080 .080
52 .076 .076 .074
53 .073 .074 .074
54 .087 .087 .086
55 .083 .083 .083
56 .077 .076 .076
57 .073 .074 .073
58 .080 .080 .080
59 .069 .069 .069
60 .086 .086 .086
61 .084 .085 .085

62 .075 .075 .075
63 .112 .112 .113
64 .080 .081 .081
65 .090 .090 .090
66 .073 .073 .072
67 .086 .085 .086
68 .071 .072 .069
69 .074 .074 .074
70 .107 .108 .108
71 .076 .076 .075
72 .069 .067 .066
73 .085 .085 .085
74 .075 .075 .074
75 .101 .101 .100
76 .073 .073 .073
77 .069 .069 .068
78 .098 .098 .098
79 .076 .076 .076
80 .074 .074 .075
81 .081 .079 .078
82 .082 .082 .081
83 .075 .075 .075
84 .106 .106 .106
85 .082 .083 .082
86 .075 .075 .075
87 .086 .086 .086
88 .080 .080 .081
89 .101 .101 .100
90 .066 .070 .069
91 .077 .078 .078
92 .073 .073 .073
93 .085 .085 .085
94 .065 .065 .065
95 .081 .081 .081
96 .082 .082 .081
97 .076 .076 .076
98 .085 .084 .081
99 .064 .068 .074
100 .080 .080 .080
101 .082 .082 .082
102 .105 .105 .105
103 .082 .080 .083
104 .074 .074 .074

105 .071 .071 .071

106 .077 .077 .077

TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17389- Glazier's points: 3/8"- 1, 1/2"- 1. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17390- Waste glazier's putty. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17391- Small bit of concrete made from Portland cement. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17394- Cut nails: 8d- 1, 6d- 2, incomplete- 11. Wire nails: 40d- 1, 16d- 1, 8d- 4, 7d- 1, 4d- 2, 3d- 9.

17395- Cut nails: 8d- 1, 6d- 1 4d- 1, incomplete- 10. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

18001- Cut nails: 8d- 2, 6d- 7, 4d- 31, 3d- 5, incomplete- 29. Wire nails: 10d- 1, 10d finishing- 3, 8d- 8, 8d finishing- 3, 6d- 8, 6d finishing- 5, 3d- 48, incomplete- 6. Staples: 3/4"- 5, 1 2/8"- 1. Carpet tacks: 1/2"- 2. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18002- Wire nails: 12d- 1, 10d finishing- 9d- 3, 8d- 5, 8d finishing- 3, 6d- 4, 6d finishing- 6, 3d- 49, incomplete- 2. Carpet tacks: 5/8"- 3. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18003- Staples: 1 1/2"- 1, 3/4"- 5. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18008- Flat glass:

1 .074 .083 .087

2 .108 .083 .106

3 .085 .085 .085

4 .089 .092 .092

5 .107 .110 .107

6 .088 .087 .086

7 .084 .079 .071

8 .065 .065 .066

9 .090 .093 .093

10 .081 .091 .096

11 .094 .093 .093

12 .098 .097 .098

13 .093 .093 .094

14 .091 .090 .089

15 .093 .093 .092

16 .089 .089 .088

17 .066 .066 .067

18 .094 .095 .095
19 .079 .081 .083
20 .075 .075 .076
21 .093 .095 .097
22 .065 .065 .065
23 .094 .095 .097
24 .081 .081 .081
25 .084 .086 .086
26 .086 .087 .087
27 .098 .099 .100
28 .070 .070 .070
29 .076 .076 .077
30 .097 .098 .099
31 .098 .097 .098
32 .085 .085 .084
33 .087 .087 .087
34 .087 .089 .089
35 .088 .088 .088
36 .096 .096 .094
37 .073 .074 .075
38 .098 .095 .093
39 .098 .097 .097
40 .069 .069 .069
41 .083 .084 .085
42 .094 .094 .096
43 .076 .075 .075
44 .079 .079 .080
45 .076 .076 .075
46 .098 .098 .097
47 .090 .090 .090
48 .097 .096 .097
49 .081 .081 .081
50 .070 .070 .070
51 .079 .079 .079
52 .093 .092 .092
53 .084 .084 .085
54 .086 .086 .087
55 .078 .078 .079
56 .074 .074 .072
57 .081 .081 .081
58 .093 .092 .092
59 .075 .075 .075
60 .080 .079 .079
61 .090 .090 .091

62 .077 .083 .086
63 .088 .088 .088
64 .087 .087 .086
65 .080 .080 .079
66 .065 .065 .065
67 .073 .072 .071
68 .075 .075 .076
69 .098 .099 .099
70 .087 .087 .087
71 .074 .073 .072
72 .095 .095 .096
73 .078 .079 .079
74 .080 .080 .081
75 .099 .099 .099
76 .094 .094 .094
77 .067 .065 .064
78 .097 .097 .096
79 .074 .073 .071
80 .110 .110 .109
81 .092 .093 .094
82 .096 .097 .098
83 .091 .093 .093
84 .079 .079 .079
85 .067 .067 .066
86 .082 .081 .081
87 .082 .084 .086
88 .070 .071 .072
89 .076 .075 .075
90 .093 .093 .093
91 .089 .089 .090
92 .098 .098 .097
93 .065 .064 .064
94 .099 .099 .098
95 .110 .111 .111
96 .090 .091 .091
97 .081 .081 .081
98 .075 .076 .076
99 .067 .067 .066
100 .096 .095 .096
101 .080 .080 .080
102 .059 .059 .509
103 .081 .081 .081
104 .091 .093 .093
105 .084 .084 .084

106 .089 .089 .089
107 .074 .075 .075
108 .079 .079 .079
109 .079 .080 .079
110 .094 .094 .095
111 .055 .056 .056
112 .088 .089 .089
113 .070 .070 .070
114 .091 .091 .091
115 .092 .093 .093
116 .091 .092 .092
117 .075 .076 .075
118 .086 .086 .085
119 .097 .098 .099
120 .070 .071 .071
121 .076 .075 .076
122 .079 .080 .080
123 .093 .093 .093
124 .059 .060 .059
125 .083 .086 .088
126 .076 .076 .076
127 .082 .084 .082
128 .099 .099 .099
129 .080 .080 .080
130 .082 .083 .083
131 .099 .100 .100
132 .093 .094 .094
133 .076 .076 .076
134 .091 .091 .090
135 .076 .076 .076
136 .078 .079 .078
137 .075 .075 .075
138 .071 .071 .071
139 .092 .092 .092
140 .090 .091 .090
141 .092 .091 .091
142 .080 .081 .081
143 .078 .077 .076
144 .098 .098 .097
145 .086 .087 .087
146 .075 .075 .074
147 .071 .071 .071
148 .070 .074 .071
149 .096 .097 .097

150 .089 .089 .090

151 .090 .091 .091

152 .085 .086 .086

153 .083 .083 .083

154 .085 .085 .085

TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18012- Ten pieces of lime mortar. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18013- Eighteen brick fragments, 8 pieces of lime mortar, 8 pieces of glazier's putty, 1 piece of concrete made from Portland cement.

18014- Eight pieces of glazier's putty of which 3 have dark brown paint on one surface. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18021- Cut nails: 20d- 1, 8d- 1, 6d- 3, 5d- 1, 4d- 12, 3d- 3, incomplete- 9. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18022- Wire nails: 10d finishing- 1, 8d finishing- 1, 8d- 4, 6d- 1, 6d finishing- 1, 4d finishing- 1, 3d- 32, incomplete- 5. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18023- Staples: 3/4"- 1, incomplete- 1. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18027- Flat glass:

1 .083 .084 .083

2 .098 .098 .098

3 .096 .100 .102

4 .103 .100 .102

5 .087 .088 .087

6 .076 .075 .075

7 .078 .077 .077

8 .065 .066 .067

9 .078 .079 .079

10 .107 .108 .109

11 .086 .086 .087

12 .113 .114 .115

13 .071 .070 .070

14 .090 .090 .089

15 .082 .082 .082

16 .083 .083 .083

17 .087 .087 .087

18 .090 .092 .093

19 .099 .099 .101

20 .096 .095 .092

21 .092 .092 .092
22 .082 .082 .081
23 .074 .075 .076
24 .088 .087 .086
25 .096 .096 .092
26 .086 .086 .086
27 .079 .080 .079
28 .076 .075 .074
29 .059 .059 .059
30 .066 .065 .067
31 .079 .079 .080
32 .076 .076 .077
33 .084 .083 .082
34 .084 .085 .085
35 .079 .080 .079
36 .072 .073 .074
37 .082 .081 .080
38 .104 .105 .105
39 .115 .118 .119
40 .103 .103 .103
41 .060 .060 .060
42 .088 .088 .088
43 .079 .079 .080
44 .066 .066 .066
45 .071 .072 .072
46 .107 .107 .108
47 .071 .071 .071
48 .083 .083 .082
49 .103 .103 .103
50 .101 .102 .102
51 .080 .080 .080
52 .086 .087 .089
53 .087 .090 .092
54 .112 .112 .113
55 .073 .073 .072
56 .069 .069 .069
57 .088 .088 .088
58 .065 .065 .065
60 .093 .094 .095
61 .080 .080 .081
62 .082 .082 .082
63 .079 .080 .080

TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18036- Sixteen brick fragments. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18038- Fourteen pieces of lime mortar. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18039- Wire nail: 8d- 1. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18040- Cut nails: 8d- 4, 4d-3, incomplete- 9. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18042- Flat glass:

1	.087	.085	.084
2	.085	.085	.086
3	.081	.079	.078
4	.078	.076	.076
5	.077	.080	.080
6	.097	.095	.094
7	.103	.105	.105
8	.086	.086	.083
9	.104	.106	.105
10	.078	.076	.076
11	.078	.080	.081
12	.085	.087	.088
13	.097	.107	.092
14	.082	.081	.080
15	.084	.090	.084
16	.102	.105	.106
17	.104	.106	.107
18	.086	.088	.090
19	.100	.099	.098
20	.103	.106	.106
21	.100	.100	.100
22	.098	.101	.103
23	.091	.087	.084
24	.103	.105	.105
25	.088	.091	.092
26	.093	.085	.083
27	.077	.080	.080
28	.076	.076	.076
29	.076	.077	.077
30	.076	.075	.076
31	.093	.090	.086
32	.078	.080	.080
33	.103	.097	.091
34	.088	.090	.091
35	.074	.075	.076

36 .080 .080 .079
 37 .106 .109 .111
 38 .089 .089 .087
 39 .088 .088 .089
 40 .088 .088 .087
 41 .090 .088 .086
 42 .087 .087 .087
 43 .086 .086 .084
 44 .075 .075 .075
 45 .089 .087 .085
 46 .105 .101 .098
 47 .093 .095 .095
 48 .088 .089 .090
 49 .099 .075 .076
 50 .077 .079 .080
 51 .087 .087 .088
 52 .095 .096 .096
 53 .104 .105 .106
 54 .095 .097 .099
 55 .087 .086 .085
 56 .089 .089 .088
 57 .087 .086 .084
 58 .077 .079 .080
 59 .083 .082 .085
 60 .076 .076 .077
 61 .081 .080 .079
 62 .077 .076 .076
 63 .090 .090 .090
 64 .087 .087 .086

TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18045- Ten bits of Portland cement concrete. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18046- Six bits of lime mortar. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18047- One brick fragment. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18050-18051- Cut nails: 16d- 1, 10d- 5, 8d- 4, 6d- 3, 5d- 5, 4d- 56, 3d- 13, 2d- 10, incomplete- 52. Wire nails: 60d- 1, 20d- 1, 16d- 2, 10d- 1, 10d duplex- 1, 8d- 10, 7d finishing- 1, 6d- 2, 5d- 7, 5d finishing- 1, 4d- 12, 3d- 23, incomplete- 8. Tacks: 7/8" galvanized roofing- 1, 5/8" carpet tack- 1. Wood screws, flathead: 1 1/2" 12-pitch threads- 2, 1 1/8" 14-pitch threads- 2, incomplete 9-pitch- 1. Fencing staples: 1 1/2"- 2. Electrical wire staples: 1/2"- 1. Cardboard box staples: 1/2"- 1. Rivets: 1/2" ferrous pop rivet- 1. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18052- Ferrous metal wood screws: 1 1/2" 12-pitch- 2, 1 1/4" 14-pitch- 2, 1/2" 16-pitch-1, incomplete 9-pitch- 1. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18053- One ferrous metal pop rivet. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18054- Fence staples measuring 1 1/2"- 2. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18055- Ferrous metal cardboard box staple. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18056- Electric wire staple measuring 1/2". TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18067- One incomplete strap hinge. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18070- Casement fastener fragment made from cast iron. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18071- Incomplete ferrous metal key hole escutcheon plate. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18092- Flat glass:

1	.102	.101	.100
2	.106	.105	.104
3	.096	.098	.099
4	.097	.097	.097
5	.114	.114	.113
6	.099	.100	.101
7	.077	.079	.079
8	.104	.103	.102
9	.089	.085	.084
10	.105	.106	.107
11	.100	.101	.103
12	.081	.080	.079
13	.106	.107	.107
14	.104	.104	.104
15	.077	.077	.096
16	.101	.100	.100
17	.103	.103	.103
18	.098	.098	.098
19	.093	.095	.096
20	.106	.104	.098
21	.099	.099	.100
22	.104	.105	.104
23	.091	.093	.095
24	.101	.101	.100

25 .098 .098 .097
26 .110 .110 .110
27 .104 .103 .103
28 .112 .113 .113
29 .090 .090 .090
30 .099 .099 .100
31 .099 .098 .097
32 .101 .102 .102
33 .087 .087 .087
34 .097 .098 .097
35 .089 .089 .088
36 .105 .105 .105
37 .081 .081 .080
38 .104 .103 .103
39 .098 .099 .099
40 .101 .101 .100
41 .082 .082 .082
42 .093 .094 .095
43 .084 .083 .081
44 .082 .081 .081
45 .080 .080 .081
46 .085 .085 .086
47 .099 .102 .103
48 .097 .098 .099
49 .072 .073 .074
50 .079 .079 .080
51 .109 .108 .107
52 .113 .113 .113
53 .105 .105 .105
54 .074 .074 .074
55 .080 .080 .080
56 .083 .083 .083
57 .101 .101 .102
58 .099 .099 .098
59 .061 .061 .060
60 .079 .077 .077
61 .080 .080 .079
62 .108 .108 .108
63 .086 .086 .086
64 .084 .085 .085
65 .090 .090 .090
66 .084 .084 .084
67 .084 .085 .086
68 .078 .080 .080

69 .105 .105 .105
70 .100 .101 .101
71 .095 .095 .095
72 .105 .105 .106
73 .082 .082 .082
74 .086 .086 .086
75 .100 .100 .099
76 .104 .104 .105

TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18095- Eleven bits of lime mortar. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18096- One lump of glazier's putty. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18104- Flat glass:

1 .108 .103 .098
2 .075 .075 .077
3 .102 .102 .104
4 .102 .101 .101
5 .079 .079 .078
6 .103 .104 .105
7 .098 .098 .098
8 .109 .108 .104
9 .094 .094 .093
10 .096 .096 .096
11 .078 .078 .078
12 .091 .090 .090
13 .079 .080 .080
14 .108 .109 .109
15 .094 .094 .093
16 .096 .097 .098
17 .099 .099 .099
18 .096 .096 .096
19 .094 .095 .095
20 .075 .084 .088
21 .067 .067 .066
22 .084 .084 .084
23 .096 .096 .096
24 .081 .081 .081

TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18105- Two small fragments of an electrical power line insulator in aqua glass. One of the fragments exhibits drip points on the skirt and is embossed with the numerals "93." The numbers may be part of the date May 2, 1893—the day a patent for insulator drip points

was issued to Ralph G. Hemingray, a manufacturer of electrical insulators (Milholland and Milholland 1971:13). TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18113- Three bits of plaster. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18114- One piece of Portland cement concrete. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18115- Nineteen pieces of lime mortar. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18116- Brick fragment and bit of lime mortar. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18125- Ferrous metal wood screw measuring 3/4" with 16-pitch threading. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18126- Cut nails: 10d- 3, 8d- 6, 5d- 3, 4d- 9, 3d- 3, 2d- 1, incomplete- 37. Wire nail: incomplete- 1. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18127- Cut nail: 3d- 1, 2d- 1. Wire nails: 60d- 1, 8d- 1, 8d duplex- 1, 6d- 3, 5d- 2, 4d- 1, 3d- 2, incomplete- 3. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18128- Cut nails: 30d- 1, 12d- 1, 8d- 5, 3d- 5, 4d- 1, incomplete- 14. Wire nails: 50d ordinary spike- 1, 5d- 1, 4d- 1, incomplete- 1. Staples: 1" fencing- 1, 1 1/2" fencing- 1. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18133- Lime mortar. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18140- Flat glass:

1 .078 .078 .078

2 .114 .114 .113

3 .123 .123 .122

4 .094 .096 .097

5 .079 .080 .080

6 .114 .113 .113

7 .065 .065 .065

8 .081 .081 .081

9 .112 .112 .112

10 .094 .095 .096

TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18147- Cut nails: incomplete- 2. 62-63S 0-1W Outside 30-40 cmbs.

18151- Flat glass:

1 .053 .053 .053

2 .059 .059 .057

3 .057 .058 .058
 4 .057 .058 .058
 5 .070 .070 .070
 6 .076 .077 .077
 7 .099 .099 .099
 8 .080 .081 .082
 9 .080 .080 .080
 10 .076 .076 .076
 11 .084 .084 .083
 12 .081 .081 .080

62-63S 0-1W Outside 30-40 cmbs.

18152- Cut nails: 20d- 1, 10d- 3, 9d- 1, 8d- 3, 6d- 4, 3d- 95, 2d- 1, incomplete- 33. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18153- Wire nails: 20d- 1, 10d- 2, 8d finishing- 1, 5d- 1, 4d- 2, 3d- 2, incomplete- 8, TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18154- Fencing staple 1 1/2"- 1. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18155- Roofing disk: incomplete- 1. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18156- Wood screws: 1" 16-pitch- 3, incomplete (threaded portion broken off)- 1. TU-D 27-28S 2-3W Level 1 0-10 cmbs.

18157- Upholstery tack: 1 (shank missing). Roofing tack: 1 (incomplete). TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18163- Glazier's point: 3/8"- 1. TU-D 37-38S3-4W Level 1 0-10 cmbs.

18172- Flat glass:

1 .111 .113 .105
 2 .091 .090 .090
 3 .093 .094 .095
 4 .090 .090 .090
 5 .064 .065 .065
 6 .105 .103 .101
 7 .088 .089 .090
 8 .093 .094 .093
 9 .094 .094 .095
 10 .137 .137 .136
 11 .085 .086 .087
 12 .086 .085 .085
 13 .093 .095 .096

14 .076 .078 .080
15 .062 .062 .062
16 .086 .086 .085
17 .086 .086 .086
18 .073 .076 .077
19 .101 .102 .102
20 .082 .083 .083
21 .106 .105 .104
22 .075 .074 .073
23 .081 .081 .080
24 .091 .091 .091
25 .096 .097 .097
26 .090 .089 .089
27 .085 .086 .086
28 .095 .095 .095
29 .097 .097 .097
30 .100 .100 .100
31 .095 .096 .095
32 .071 .071 .071
33 .089 .089 .088
34 .050 .053 .051
35 .082 .083 .083
36 .066 .066 .066
37 .089 .090 .089
38 .083 .083 .082
39 .109 .109 .109
40 .090 .090 .089
41 .090 .090 .090
42 .073 .073 .073
43 .064 .064 .064
44 .089 .089 .089
45 .074 .079 .082
46 .086 .086 .085
47 .097 .098 .098
48 .086 .087 .087
49 .112 .111 .109
50 .087 .087 .086
51 .103 .104 .103
52 .079 .081 .082
53 .092 .092 .092
54 .040 .041 .041
55 .074 .073 .073
56 .083 .083 .083
57 .090 .088 .088

58 .083 .083 .083
59 .066 .066 .066
60 .090 .090 .089
61 .100 .100 .100
62 .095 .097 .097
63 .097 .098 .100
64 .100 .100 .099
65 .093 .093 .093
66 .065 .066 .065
67 .077 .077 .077
68 .073 .074 .074
69 .091 .091 .092
70 .079 .079 .083
71 .113 .113 .113
72 .107 .108 .108
73 .077 .077 .076
74 .063 .063 .064
75 .094 .095 .096
76 .087 .088 .090
77 .075 .076 .076
78 .084 .085 .086
79 .100 .100 .100
80 .090 .090 .091
81 .123 .124 .124
82 .089 .089 .089
83 .089 .090 .091
84 .084 .085 .084
85 .080 .080 .080
86 .082 .082 .082
87 .105 .105 .103
88 .075 .075 .074
89 .092 .092 .093
90 .095 .095 .094
91 .114 .115 .117
92 .097 .097 .095
93 .041 .041 .041
94 .087 .087 .086
95 .073 .073 .073
96 .102 .102 .102
97 .095 .096 .092
98 .070 .070 .070
99 .089 .090 .090
100 .101 .101 .101
101 .083 .083 .083

102 .077 .078 .077
103 .089 .090 .090
104 .090 .091 .091
105 .085 .085 .085
106 .069 .077 .078
107 .074 .074 .068
108 .071 .071 .071
109 .062 .062 .063
110 .095 .095 .094
111 .080 .081 .081
112 .072 .072 .072
113 .093 .093 .093
114 .068 .068 .068
115 .089 .089 .089

TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18185- Three bits of milled wood. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18187- Wire nails: 10d- 1. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18188- Cut nails: 3d- 1, 4d- 38, 6d- 3, 10d- 1, 12d- 1, 16d- 1, incomplete- 29. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18189- Wood screws: No. 10, 14-pitch- 2; No. 18, 12-pitch- 1. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18190- Carpet tacks: 2. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18191- 3 ferrous metal roofing disks. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18192- Square nut, 9/16", cut for 18-pitch, 1/4" bolt. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18216- Flat glass:

1 .089 .086 .081
2 .089 .089 .090
3 .071 .071 .071
4 .072 .072 .071
5 .084 .084 .085
6 .108 .107 .107
7 .078 .079 .078
8 .077 .077 .076
9 .080 .080 .080

TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18217- Cut nails: 3d- 1, 4d- 2, 10d- 2, 12d- 2. TU-D Outside 27-38S 2-3W Level 3 20-30 cmbs.

18218- Cut nails: incomplete- 4. TU-D Outside 37-38S 2-3W 20- 30 cmbs.

18223- Flat glass:

1 .103 .103 .103
2 .087 .086 .084
3 .078 .079 .079
4 .084 .084 .083
5 .087 .087 .085
6 .086 .086 .086
7 .071 .071 .073
8 .086 .086 .086
9 .087 .087 .084
10 .103 .103 .102
11 .092 .092 .092
12 .083 .082 .082
13 .096 .097 .096

TU-D Outside 37-38S 2-3W Level 3 20-30 cmbs.

18227- Flat Glass:

1 .083 .082 .082
2 .082 .083 .084
3 .069 .069 .069
4 .083 .085 .082
5 .086 .081 .078
6 .109 .105 .103
7 .085 .083 .082
8 .077 .078 .080
9 .065 .065 .064
10 .075 .077 .077
11 .079 .079 .077
12 .076 .075 .072
13 .078 .075 .075
14 .071 .072 .072
15 .064 .073 .074
16 .070 .071 .071
17 .065 .066 .065
18 .079 .077 .077
19 .082 .082 .081
20 .094 .095 .096
21 .080 .079 .076
22 .112 .110 .108

23 .108 .105 .104
24 .084 .085 .084
25 .084 .083 .081
26 .078 .079 .079
27 .080 .082 .080
28 .077 .077 .076
29 .077 .076 .075
30 .084 .084 .085
31 .081 .081 .080
32 .076 .077 .077
33 .081 .081 .081
34 .109 .111 .109
35 .098 .103 .104
36 .079 .080 .079
37 .080 .081 .083
38 .085 .083 .081
39 .103 .107 .108
40 .067 .065 .066
41 .102 .105 .105
42 .101 .107 .098
43 .077 .077 .077
44 .077 .077 .077
45 .129 .132 .130
46 .094 .098 .097
47 .086 .086 .087
48 .082 .083 .083
49 .078 .078 .075
50 .100 .101 .103
51 .076 .077 .077
52 .077 .077 .076
53 .078 .079 .080
54 .087 .088 .088
55 .076 .076 .076
56 .076 .076 .076
57 .094 .096 .097
58 .071 .071 .070
59 .081 .082 .082
60 .076 .076 .075
61 .080 .080 .080
62 .092 .092 .091
63 .095 .095 .095
64 .081 .081 .081
65 .106 .107 .107
66 .091 .091 .091

67 .085 .085 .085
68 .085 .086 .086
69 .094 .093 .093
70 .104 .106 .109
71 .091 .092 .092
72 .068 .068 .068
73 .080 .080 .081
74 .068 .069 .067
75 .086 .089 .090
76 .101 .101 .100
77 .094 .097 .098
78 .082 .081 .079
79 .093 .091 .091
80 .103 .105 .106
81 .075 .075 .074
82 .078 .079 .077
83 .076 .076 .076
84 .079 .079 .079
85 .093 .091 .089
86 .090 .089 .088
87 .080 .079 .079
88 .072 .073 .072
89 .082 .082 .082
90 .082 .082 .080
91 .103 .103 .102
92 .076 .075 .074
93 .085 .085 .086
94 .076 .076 .076
95 .098 .096 .094
96 .076 .075 .076
97 .076 .077 .077
98 .078 .078 .078
99 .093 .093 .093
100 .094 .094 .093
101 .078 .079 .080
102 .094 .096 .097
103 .087 .088 .088
104 .074 .074 .074
105 .104 .103 .101
106 .074 .074 .075
107 .082 .083 .083
108 .082 .083 .083
109 .088 .088 .087
110 .076 .076 .075

111 .079 .079 .078
112 .078 .079 .079
113 .078 .078 .077
114 .088 .088 .087
115 .089 .091 .092
116 .063 .063 .062
117 .078 .079 .079
118 .083 .083 .082
119 .068 .068 .068
120 .080 .080 .081
121 .078 .079 .078
122 .079 .079 .078
123 .069 .070 .069
124 .078 .078 .078
125 .090 .091 .092
126 .052 .052 .048
127 .080 .081 .074

TU-D 37-38S 2-3W Level 2 10-20 cmbs.

18232- One piece of lime mortar. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18235- Cut nails: 10d- 3, 8d- 2, incomplete- 14. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18239- Flat glass:

1 .093 .093 .093
2 .077 .078 .079
3 .084 .083 .083
4 .112 .111 .110
5 .104 .103 .102
6 .101 .101 .101
7 .079 .079 .079
8 .082 .082 .081
9 .067 .069 .070
10 .089 .090 .090
11 .081 .081 .081
12 .082 .081 .081
13 .096 .097 .097
14 .086 .086 .086
15 .074 .075 .075
16 .087 .088 .088
17 .063 .063 .064
18 .070 .070 .069
19 .079 .079 .079
20 .087 .088 .088

21 .110 .113 .110
22 .105 .106 .106
23 .077 .077 .076
24 .082 .083 .083
25 .068 .069 .069
26 .086 .087 .087
27 .095 .096 .096
28 .090 .090 .090
29 .082 .083 .083
30 .095 .096 .096
31 .071 .072 .072
32 .066 .066 .066
33 .077 .077 .078
34 .081 .081 .081
35 .082 .082 .083
36 .082 .083 .083
37 .083 .083 .083
38 .096 .098 .099
39 .102 .104 .107
40 .077 .078 .078
41 .080 .080 .080
42 .083 .083 .084
43 .099 .101 .099
44 .080 .080 .079
45 .092 .091 .089
46 .087 .088 .088
47 .091 .091 .091
48 .094 .094 .094
49 .084 .083 .083
50 .092 .092 .092
51 .082 .083 .083
52 .097 .097 .096
53 .079 .080 .081
54 .084 .085 .086
55 .088 .089 .090
56 .068 .069 .070
57 .097 .097 .096
58 .085 .084 .082
59 .084 .083 .083
60 .106 .107 .107
61 .094 .095 .095
62 .064 .067 .067
63 .080 .078 .078
64 .080 .080 .081

65 .085 .084 .083
66 .090 .092 .092
67 .087 .091 .092
68 .083 .084 .084
69 .077 .077 .077
70 .080 .081 .081
71 .075 .074 .074
72 .083 .083 .084
73 .086 .085 .085
74 .086 .085 .084
75 .087 .088 .089
76 .083 .084 .088
77 .086 .086 .086
78 .079 .078 .078
79 .087 .088 .088
80 .081 .081 .081
81 .070 .069 .068

TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18240- Flat glass:

1 .090 .090 .090
2 .083 .083 .083

TU-D Outside 37-38S 2-3W Level 5 40-50 cmbs.

18243- Cut nails: 10d - 2, 4d - 1, 2d - 1, incomplete - 7. Wire nails: 3d - 4. 31-32S 6-7W Level 1 0-10 cmbs.

18244- Cast ferrous metal wing nut for 1/2" bolt, 12-pitch threads. 31-32S 6-7W Level 1 0-10 cmbs.

18256- Flat glass:

1 .088 .090 .090
2 .064 .064 .065
3 .076 .076 .077
4 .077 .077 .076
5 .083 .083 .084
6 .075 .076 .077
7 .072 .072 .072
8 .078 .077 .077
9 .106 .107 .107
10 .092 .092 .092
11 .096 .096 .095
12 .088 .088 .087
13 .082 .083 .084

14 .099 .099 .099
15 .110 .107 .104
16 .066 .066 .066
17 .126 .126 .125

TU-H 18-19S 0-1W Level 2 10-20 cmbs.

18257- Flat glass:

1 .102 .103 .103
2 .115 .115 .117
3 .066 .066 .066
4 .092 .092 .093
5 .066 .066 .066
6 .056 .056 .055
7 .084 .084 .084
8 .090 .090 .090
9 .092 .094 .095

31-32S 6-7W Level 1 0-10 cmbs.

18265- Cut nails: 10d-1, 8d-2, 6d-1, 4d-1, 3d-1, incomplete-7. 31- 32S 6-7W Level 2 10-20 cmbs.

18274- Flat glass:

1 .103 .103 .103
2 .059 .061 .060
3 .092 .093 .093
4 .085 .083 .087
5 .082 .083 .083

31-32S 6-7W Level 2 10-20cmbs.

18277- Cut nails: 8d- 3, 6d- 1, 4d- 10, 3d- 4, incomplete- 19. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18278- Wire nails: 16d- 1, 8d- 6, 8d finishing- 1, 6d- 4, 6d finishing- 2, 4d- 4, 4d finishing 1, 3d- 7, incomplete- 3. Tacks: carpet- 1, roofing- 1. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18279- Staple: 7/8"- 1. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18280- Wood screw: 5/8" with 11-pitch threading- 1. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18281- Incomplete bolt: 3/8" diameter with 16-pitch threading- 1. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18284- Two-hole conduit strap. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18285- Brick fragment. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18287- Two Portland cement mortar fragments. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18290- Flat glass:

1	.077	.077	.076
2	.077	.078	.078
3	.103	.103	.103
4	.099	.099	.099
5	.121	.124	.126
6	.097	.098	.097
7	.109	.112	.111
8	.082	.082	.081
9	.079	.078	.078
10	.096	.096	.096
11	.087	.088	.087
12	.091	.094	.094
13	.124	.125	.124
14	.104	.106	.106
15	.082	.077	.073
16	.080	.081	.082
17	.092	.093	.093
18	.088	.087	.087
19	.089	.089	.089
20	.087	.090	.091
21	.122	.122	.122
22	.098	.098	.097
23	.067	.068	.068
24	.095	.096	.097
25	.064	.062	.058
26	.097	.098	.098
27	.110	.111	.111
28	.082	.083	.082
29	.095	.095	.095
30	.061	.063	.063
31	.065	.065	.065
32	.105	.105	.105
33	.071	.070	.070
34	.082	.082	.083
35	.103	.103	.103
36	.092	.094	.094
37	.087	.087	.087
38	.078	.078	.079
39	.102	.102	.102

40 .097 .096 .094
41 .083 .083 .082
42 .079 .079 .079
43 .103 .103 .103
44 .101 .100 .100
45 .104 .103 .101
46 .115 .115 .115
47 .100 .100 .100
48 .107 .100 .096
49 .092 .093 .093
50 .094 .093 .093
51 .073 .073 .072
52 .118 .119 .120
53 .095 .096 .097
54 .077 .078 .078
55 .089 .089 .088
56 .102 .103 .103
57 .093 .093 .092
58 .100 .101 .102
59 .089 .089 .089
60 .091 .092 .092

TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18293- Flat glass:

1 .099 .099 .098
2 .085 .086 .088
3 .112 .111 .108
4 .082 .082 .081
5 .128 .131 .130
6 .095 .095 .096
7 .108 .107 .106
8 .090 .093 .094
9 .083 .084 .085

TU-F 0-1S 0-1W Level 2 10-20 cmbs.

18294- Cut nails: 30d- 1, 20d- 1, incomplete- 3. TU-F 0-1S 0-1W Level 2 10-20 cmbs.

18298- Wire nails: 9d- 1, 6d- 1, incomplete- 7. TU-F 0-1S 0-1W 20- 30 cmbs.

18304- Flat glass:

1 .079 .081 .082
2 .124 .123 .122
3 .080 .089 .083
4 .094 .096 .096

5 .078 .078 .077
6 .079 .079 .079
7 .102 .102 .101
8 .090 .089 .089
9 .087 .087 .087
10 .105 .106 .107
11 .105 .105 .105

TU-F 0-1S 0-1W 20-30 cmbs.

18310- Wire nails: 8d- 1, 4d- 1. Cut nails: 10d- 1, 8d- 1, incomplete- 4. TU-F 0-1S 0-1W
Level 4 30-40 cmbs.

18312- Flat glass:

1 .068 .068 .066
2 .092 .092 .092
3 .083 .086 .088
4 .096 .096 .096
5 .083 .083 .085
6 .084 .082 .081
7 .088 .088 .089
8 .082 .083 .082
9 .083 .085 .086
10 .081 .082 .081

TU-F 0-1S 0-1W Level 4 30-40 cmbs.

18316- Flat glass:

1 .082 .079 .076
2 .088 .088 .088
3 .098 .098 .099
4 .092 .092 .091
5 .067 .069 .068
6 .088 .089 .089
7 .076 .076 .077

TU-E 31-32S 6-7W South Wall Level 3 20-30 cmbs.

18317- Cut nails: 4d- 2, 3d- 1, incomplete- 1. TU-E 31-32S 6-7W South Wall Level 3 20-30
cmbs.

18319- Flat glass:

1 .104 .104 .103
2 .067 .067 .067
3 .074 .073 .071
4 .068 .069 .069

TU-E 31-32S 6-7W South Wall Level 3 20-30 cmbs.

18321- Wire nails: incomplete- 1. Cut nails: incomplete- 2. TU-F 0-1S 0-1W Level 5 40-50 cmbs.

18323- Flat glass:

1 .096 .097 .097

2 .105 .106 .106

3 .073 .072 .071

4 .087 .087 .086

5 .082 .082 .082

TU-F 0-1S 0-1W Level 5 40-50 cmbs.

18325- Portland cement mortar. TU-F 0-1S 0-1W Level 5 40-50 cmbs.

18326- Limecrete. TU-F 0-1S 0-1W Level 5 40-50 cmbs.

18329- Flat glass:

1 .064 .064 .065

TU-F 0-1S 0-1W Level 6 50-60 cmbs.

18332- Portland cement mortar(?) with one whitewashed surface. TU-F 0-1S 0-1W Level 6 50-60 cmbs.

18336- Cut nails: 30d- 1, incomplete- 1. TU-F 0-1S 0-1W Level 7 60-70 cmbs.

18338- Flat glass:

1 .082 .082 .081

2 .081 .080 .080

3 .071 .070 .072

4 .071 .072 .071

TU-F 0-1S 0-1W Level 7 60-70 cmbs.

18341- Cut nail: incomplete- 1. TU-F 0-1S 0-1W Level 8 70-80 cmbs.

18352- Cut nails: 10d- 1, 6d- 2, 4d- 9, 3d- 2, incomplete- 7. TU-G 54-55S 0-1W Level 1 0-10 cmbs.

18353- Wire nails: 8d- 2, 7d- 1, 3d- 3, 2d- 1, incomplete- 3. TU-G 54-55S 0-1W Level 1 0-10 cmbs.

18354- Fencing staple: 1 1/8"- 1. TU-G 54-55S 0-1W Level 1 0-10 cmbs.

18358- One lump of lime mortar. TU-G 54-55S 0-1W Level 1 0-10 cmbs.

18359- Six small pieces of milled wood. TU-G 54-55S 0-1W Level 1 0-10 cmbs.

18361- Cut nails: 20d- 1, 12d- 2, 8d- 14, 6d- 9, 4d- 5, 4d- 7, incomplete- 65. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18362- Cut nails: 4d- 1, 3d- 1, 2d- 1, incomplete- 2. Wire nails: 20d- 2, 16d- 3, 12d- 1, 10d- 1, 8d- 10, 7d- 8, 6d- 4, 4d- 32, 2d- 1, incomplete- 63. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18363- Wood screws: 1 7/8" with 12-pitch threads- 1, 1 1/4" with 12-pitch threads- 1, 1" with 18-pitch threads- 1, 3/4" (cuprous) with 18-pitch threads, incomplete with 20- pitch threads- 1. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18364- Three carpet tacks. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18365- One incomplete screw hook with 16-pitch threads. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18366- One electrical wire staple. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18367- Four roofing disks, of which 2 are incomplete. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18370- Cast ferrous metal rim lock striker plate. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18372- Square nut (measuring 3/4") retaining the bolt sheared on both sides. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18376- Incomplete door knob rose. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18387- Sixteen bits of lime mortar. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18395- Flat glass:

1	.083	.083	.083
2	.080	.080	.080
3	.077	.077	.077
4	.068	.069	.069
5	.097	.097	.098
6	.079	.079	.079
7	.092	.093	.093
8	.090	.091	.090
9	.081	.081	.080
12	.087	.087	.086
13	.087	.091	.092
14	.093	.093	.092
15	.101	.101	.100

16 .110 .110 .110
17 .078 .078 .077
18 .098 .099 .100
19 .078 .078 .078
20 .065 .065 .065
21 .078 .078 .078
22 .074 .074 .074
23 .070 .070 .070
24 .082 .082 .082
25 .079 .079 .089
26 .073 .074 .074
27 .082 .083 .084
28 .102 .102 .102
29 .084 .085 .085
30 .064 .065 .064
31 .100 .100 .095
32 .082 .082 .082
33 .085 .085 .084
34 .086 .087 .086
35 .089 .089 .090
36 .094 .095 .095
37 .108 .108 .108
38 .084 .087 .088
39 .096 .095 .095
40 .123 .122 .121
41 .079 .078 .078
42 .099 .099 .098
43 .088 .087 .087
44 .099 .100 .101
45 .085 .081 .077
46 .094 .094 .093
47 .102 .102 .102
48 .102 .105 .105
49 .101 .101 .102
50 .088 .089 .091
52 .085 .085 .085
53 .077 .077 .077
54 .100 .101 .101
55 .082 .082 .080
56 .072 .072 .072
57 .096 .094 .085
58 .116 .116 .116
59 .097 .097 .096
60 .090 .089 .089

61 .109 .106 .104
62 .097 .097 .097
63 .089 .090 .090
64 .054 .053 .050
65 .091 .092 .091
66 .080 .079 .079
67 .071 .070 .070
68 .103 .104 .104
69 .064 .065 .066
70 .099 .100 .101
71 .083 .083 .083
72 .089 .090 .091
73 .075 .076 .076
74 .094 .094 .094
75 .114 .113 .112
76 .098 .099 .098
77 .108 .107 .106
78 .080 .079 .079
79 .102 .101 .101
80 .080 .080 .080
81 .094 .095 .096
82 .110 .110 .109
83 .101 .102 .102
84 .101 .101 .101
85 .102 .102 .102
86 .068 .068 .068
87 .100 .100 .100
88 .092 .093 .093
89 .077 .078 .078
90 .092 .094 .093
91 .092 .096 .097
92 .149 .149 .149
93 .098 .101 .102
94 .070 .070 .070
95 .080 .081 .081
96 .086 .087 .087
97 .076 .078 .078
98 .097 .097 .096
99 .090 .090 .087
100 .088 .089 .090
101 .090 .090 .090
102 .090 .090 .090
103 .095 .096 .098
104 .092 .093 .093

105 .102 .104 .105
106 .104 .103 .102
107 .105 .105 .105
108 .096 .095 .094
109 .129 .121 .118
110 .088 .087 .087
111 .128 .128 .128
112 .078 .078 .077
113 .077 .078 .079
114 .103 .102 .101
115 .100 .101 .101
116 .080 .081 .081
117 .072 .073 .073
118 .104 .106 .107
119 .088 .088 .088
120 .112 .112 .112
121 .098 .097 .097
122 .146 .145 .144
123 .122 .125 .125
124 .089 .089 .089
125 .091 .090 .090
126 .078 .078 .078
127 .087 .088 .089
128 .086 .093 .094
129 .093 .095 .095
130 .104 .104 .104
131 .107 .108 .107
132 .139 .140 .142
133 .111 .115 .113
134 .103 .104 .104
135 .114 .115 .116
136 .091 .092 .092
137 .108 .106 .108
138 .080 .080 .079
139 .080 .079 .078
140 .089 .094 .094
141 .089 .089 .088
142 .094 .094 .094
143 .091 .090 .091
TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18399- Flat glass:

1 .095 .095 .095
2 .090 .090 .089

3 .086 .085 .085
4 .069 .070 .070
5 .082 .086 .086
6 .093 .093 .093
7 .114 .116 .116
8 .085 .086 .086
9 .083 .083 .082
10 .067 .067 .067
11 .087 .087 .087
12 .083 .084 .084
13 .084 .084 .084
14 .066 .073 .075
15 .095 .096 .097
16 .080 .080 .079
17 .085 .086 .085
18 .087 .087 .088
19 .068 .068 .068
20 .089 .090 .090
21 .084 .085 .085
22 .073 .082 .072
23 .069 .069 .069
24 .081 .083 .083
25 .085 .085 .084
26 .084 .084 .084
27 .070 .070 .071
28 .098 .099 .099
29 .095 .095 .094
30 .100 .100 .100
31 .085 .085 .086
32 .056 .056 .056
33 .054 .053 .051
34 .071 .071 .071
35 .087 .087 .086
36 .090 .089 .089
37 .077 .078 .077
38 .078 .078 .078
39 .079 .079 .080
40 .075 .075 .074
41 .067 .068 .068
42 .088 .088 .088
43 .074 .074 .074
44 .082 .083 .082
45 .083 .084 .083
46 .069 .070 .069

47 .083 .082 .082
48 .080 .081 .081
49 .075 .077 .077
50 .083 .083 .083
51 .114 .113 .113
52 .074 .074 .074
53 .093 .093 .092
54 .093 .094 .094
55 .053 .056 .057
56 .081 .081 .080
57 .099 .101 .102
58 .078 .078 .078
59 .082 .082 .082
60 .106 .106 .105
61 .102 .103 .103
62 .090 .090 .090
63 .084 .084 .084
64 .082 .082 .082
65 .067 .069 .072
66 .081 .081 .081
67 .108 .106 .105
68 .111 .111 .110
69 .117 .116 .116
70 .050 .054 .057
71 .103 .103 .103
72 .082 .083 .084
73 .104 .104 .102
74 .081 .082 .083
75 .073 .074 .074
76 .084 .084 .083
77 .097 .098 .098
78 .090 .090 .090
79 .092 .093 .093
80 .087 .088 .088
81 .079 .079 .079
82 .078 .078 .077
83 .073 .073 .073
84 .083 .083 .084
85 .067 .068 .067
86 .089 .090 .090
87 .069 .070 .070
88 .086 .086 .087
89 .094 .094 .094
90 .078 .077 .077

91 .073 .072 .072
92 .068 .067 .067
93 .077 .080 .082
94 .056 .055 .051
95 .113 .114 .115
96 .055 .058 .057
97 .103 .103 .103
98 .078 .075 .072
99 .095 .094 .094
100 .074 .073 .072
101 .090 .090 .088
102 .105 .103 .105
103 .081 .078 .068
104 .091 .090 .090
105 .104 .102 .101
106 .099 .098 .090
107 .098 .098 .097
108 .087 .088 .088
109 .090 .093 .093
110 .101 .102 .101
111 .074 .077 .077
112 .096 .096 .096
113 .109 .108 .111
114 .083 .083 .083
115 .090 .090 .091
116 .094 .095 .096
117 .083 .084 .081
118 .086 .087 .087
119 .074 .074 .074
120 .069 .070 .070
121 .083 .082 .081
122 .081 .083 .084
123 .084 .084 .084
124 .064 .063 .063
125 .094 .097 .099
126 .078 .081 .082
127 .080 .079 .080
128 .094 .103 .109
129 .091 .090 .092
130 .087 .089 .090
131 .110 .111 .112
132 .084 .083 .083
133 .108 .109 .108
134 .080 .081 .081

135 .090 .088 .088
136 .112 .114 .113
137 .087 .086 .086
138 .061 .061 .061
139 .083 .085 .086
140 .082 .082 .081
141 .130 .129 .129
142 .098 .101 .102
143 .088 .089 .090
144 .079 .078 .077
145 .075 .075 .072
146 .084 .086 .087
147 .088 .088 .088
148 .090 .090 .091
149 .085 .085 .085
150 .077 .079 .080
151 .074 .075 .074
152 .085 .084 .082
153 .089 .090 .089
154 .058 .058 .056
155 .078 .079 .078
156 .071 .070 .070
157 .093 .094 .094
158 .076 .077 .077
159 .075 .076 .076
160 .084 .084 .084
161 .077 .077 .077
162 .074 .074 .074
163 .115 .115 .115
164 .078 .079 .081
165 .058 .057 .055
166 .069 .070 .069
167 .072 .074 .076
168 .091 .091 .090

TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18402- Cut nails: 20d- 1, 12d- 4, 6d- 20, 4d- 2, 3d- 1, incomplete- 93. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18403- Wire nails: 8d- 1, 6d- 1, 3d- 3, incomplete- 3. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18405- Sixteen ferrous metal roofing disks. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18408- Fencing staple: 1 1/2"- 1. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18416- Nine lumps of lime mortar. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18421- Flat glass:

1	.082	.082	.083
2	.086	.085	.084
3	.083	.090	.094
4	.085	.086	.086
5	.069	.071	.070
6	.087	.088	.087
7	.073	.078	.080
8	.083	.083	.083
9	.082	.083	.082
10	.083	.084	.084
11	.070	.071	.071
12	.074	.074	.075
13	.095	.096	.095
14	.081	.082	.083
15	.075	.075	.076
16	.076	.076	.075
17	.083	.083	.083
18	.057	.057	.059
19	.054	.055	.056
20	.075	.077	.077
21	.065	.065	.065
22	.096	.096	.094
23	.062	.063	.063
24	.064	.063	.063
25	.077	.077	.077
26	.067	.067	.067
27	.078	.078	.078
28	.059	.059	.059
29	.051	.056	.057
30	.082	.082	.083
31	.084	.084	.084
32	.084	.085	.084
33	.083	.084	.090
34	.085	.086	.088
35	.067	.067	.067
36	.059	.060	.060
37	.071	.071	.071
38	.079	.080	.080
39	.083	.085	.085

40 .087 .092 .096
41 .086 .084 .083
42 .078 .081 .082
43 .066 .067 .067

TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18424- Cut nails: 10d- 3, 8d- 4, 3d- 2, incomplete- 23. TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18426- Roofing disk. TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18428- Cut nails: 12d- 1, 8d- 1, 4d- 1, incomplete- 6. Wire nails: 4d- 1, incomplete- 1. TU-G 54-55S Level 5 West Half.

18430- Flat glass:

1 .071 .071 .071
2 .082 .083 .083
3 .084 .084 .084
4 .078 .079 .079
5 .098 .098 .099
6 .099 .099 .099
7 .093 .083 .083
8 .084 .085 .085
9 .077 .077 .077
10 .086 .086 .086
11 .099 .099 .099
12 .099 .100 .100
13 .087 .088 .089
14 .062 .062 .061
15 .068 .068 .068
16 .068 .068 .068
17 .074 .073 .072
18 .088 .088 .088
19 .093 .094 .094
20 .065 .064 .064
21 .105 .105 .105
22 .092 .092 .091
23 .109 .109 .107
24 .086 .086 .086
25 .082 .083 .083
26 .081 .081 .081
27 .072 .072 .072
28 .075 .075 .075
29 .104 .101 .091

TU-G 54-55S 0-1W Level 5 West Half.

18435- Cut nails: 8d- 1, 6d- 1, incomplete- 7. TU-G 54-55S 0-1W Level 6 West 1/2 50-60 cmbs.

18438- Flat glass:

1	.060	.061	.059
2	.071	.069	.068
3	.092	.091	.089
4	.094	.095	.097
5	.100	.100	.100
6	.066	.066	.067
7	.065	.066	.071
8	.095	.095	.094
9	.079	.079	.078
10	.052	.057	.058
11	.066	.067	.067
12	.068	.068	.068
13	.068	.068	.067
14	.055	.055	.055
15	.066	.065	.065
16	.061	.065	.066
17	.087	.088	.088
18	.090	.091	.091
19	.067	.067	.067
20	.091	.092	.092

TU-G 54-55S 0-1W Level 6 West 1/2 50-60 cmbs.

18440- Flat glass:

1	.091	.091	.090
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From dark gray-black deposit 150-151 cmbs. Feature 1 Level 9 145-165 cmbs.

18442- Cut nails: 4d- 1, incomplete- 1. TU-6 54-55S 0-1W Level 7 60-70 cmbs.

18446- Flat glass:

1	.081	.079	.076
2	.063	.062	.062
3	.086	.087	.085
4	.101	.101	.101
5	.103	.103	.104
6	.064	.064	.064
7	.052	.052	.052
8	.063	.063	.063

TU-6 54-55S 0-1W Level 7 60-70 cmbs.

18450- Cut nails: incomplete- 2. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18457- Flat glass:

1 .083 .083 .083

2 .070 .070 .070

TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18465- One bit of lime mortar. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18468- Flat glass:

1 .082 .082 .082

TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18469- Cut nails: incomplete- 6. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18474- Cut nails: incomplete- 2. TU-G 54-55S 0-1W Level 10 90-100 cmbs.

18475- Wire nails: incomplete- 4. TU-G 54-55S 0-1W Level 10- 90-100 cmbs.

18478- Flat glass:

1 .097 .097 .097

2 .077 .077 .077

3 .068 .068 .069

4 .070 .070 .069

TU-G 54-55S 0-1W Level 10 90-100 cmbs.

18484- Cut nails: incomplete- 2.

Profile cleaning in and out of Feature at 80-95 cmbs, TU-G, Southwest corner.

18501- Cut nails: 10d- 3, 8d- 2, 6d- 2, 4d- 3, incomplete- 3. Wire nails: 16d- 1, 7d- 1, 6d- 1, 4d- 1, 3d- 1. TU-H 18-19S 0-1E Level 1 0-10 cmbs.

18502- Cut nails: 2d- 4, 3d- 2, 4d- 49, 6d- 3, 8d- 1. Wire nails: 3d- 49, 4d- 15, 7d- 2, 8d- 2, 9d- 3, 4d finishing- 1, 6d finishing- 3, 9/16" wire tack- 1. TU-H 18-19S 0-1E Level 1.

18503- 1 flathead wood screw 1 1/4" long with 14-pitch threading, and 1 flathead wood screw 7/8" long with 12-pitch threading. Both are of ferrous metal. TU-H 18-19S 0-1E Level 1.

18510- Glazier's putty with window frame/glass impressions on reverse. TU-H 18-19S 0-1E Level 1.

18514- Flat glass:

1	.132	.133	.133
2	.119	.119	.120
3	.120	.120	.120
4	.119	.120	.120
5	.105	.107	.108
6	.084	.085	.085
7	.094	.095	.094
8	.100	.100	.099
9	.097	.097	.097
10	.074	.074	.074
11	.136	.137	.136
12	.121	.121	.120
13	.096	.096	.095
14	.090	.090	.090
15	.083	.083	.083
16	.117	.117	.117
17	.117	.117	.118
18	.076	.076	.076
19	.100	.100	.100
20	.090	.090	.090
21	.083	.084	.084
22	.123	.123	.123
23	.073	.073	.073
24	.088	.088	.088
25	.112	.112	.112
26	.070	.070	.071
27	.100	.101	.102
28	.114	.114	.114
29	.095	.097	.098
30	.094	.096	.094
31	.101	.102	.104
32	.120	.120	.118
33	.100	.100	.100
34	.078	.078	.078
35	.124	.125	.125
36	.145	.135	.145
37	.123	.123	.123
38	.134	.138	.142
39	.121	.121	.121
40	.116	.117	.117
41	.101	.101	.100
42	.085	.085	.085
43	.128	.128	.128

44	.090	.090	.090
45	.093	.093	.093
46	.092	.096	.098
47	.076	.077	.077
48	.080	.079	.078
49	.120	.119	.119
50	.127	.126	.121
51	.126	.126	.126
52	.097	.098	.098
53	.196	.096	.096
54	.122	.122	.122
55	.077	.078	.078
56	.081	.082	.082
57	.076	.076	.076
58	.073	.073	.073
59	.078	.079	.079
60	.129	.129	.129
61	.081	.081	.081
62	.090	.090	.090
63	.072	.072	.072
64	.120	.120	.120
65	.097	.097	.097
66	.102	.102	.102
67	.083	.083	.082
68	.096	.096	.096
69	.126	.125	.124
70	.086	.086	.086
71	.117	.117	.117
72	.115	.115	.116
73	.125	.125	.126
74	.119	.119	.119
75	.057	.058	.060
76	.094	.095	.095
77	.078	.078	.078
78	.114	.117	.117
79	.086	.086	.086
80	.120	.119	.119
81	.085	.084	.084
82	.068	.068	.068
83	.140	.142	.143
84	.073	.073	.073
85	.115	.115	.116
86	.096	.096	.096
87	.128	.128	.126

88 .064 .065 .065
89 .129 .129 .129
90 .152 .153 .153
91 .117 .116 .116
92 .092 .093 .094
93 .124 .123 .123
94 .118 .118 .118
95 .078 .067 .068
96 .120 .120 .119
97 .120 .120 .120
98 .112 .112 .113
99 .094 .094 .093
100 .117 .117 .117
101 .117 .117 .117
102 .131 .131 .132
103 .120 .120 .120
104 .115 .115 .116
105 .121 .121 .120
106 .112 .113 .113
107 .119 .119 .110
108 .144 .143 .143
109 .099 .100 .100
110 .073 .073 .072
111 .099 .098 .099
112 .091 .091 .092
113 .122 .121 .121
114 .120 .120 .119
115 .117 .117 .116
116 .124 .124 .124
117 .100 .102 .106
118 .123 .123 .122
119 .124 .123 .128
120 .120 .120 .120
121 .115 .115 .115
122 .093 .092 .092
123 .125 .125 .125
124 .118 .118 .117
125 .121 .122 .120
126 .111 .111 .111
127 .106 .106 .105
128 .074 .074 .074
129 .127 .127 .128
130 .097 .097 .097
131 .092 .093 .094

132 .119 .120 .119
133 .131 .131 .130
134 .120 .120 .119
135 .114 .114 .114
136 .112 .112 .112
137 .097 .097 .096
138 .115 .115 .115
139 .126 .126 .125
140 .068 .069 .069
141 .109 .109 .110
142 .124 .124 .124
143 .087 .087 .086
144 .114 .114 .114

TU-H 18-19S 0-1E Level 1.

18515- Flat glass:

1 .084 .083 .083
2 .080 .083 .081
3 .107 .106 .105
4 .080 .077 .069
5 .093 .094 .095
6 .085 .085 .085
7 .071 .072 .072
8 .115 .116 .115
9 .083 .083 .083
10 .125 .126 .126
11 .119 .119 .119
12 .123 .123 .122
13 .130 .130 .131
14 .152 .155 .157
15 .126 .126 .124
16 .078 .078 .079
17 .083 .082 .081
18 .126 .125 .125
19 .129 .129 .129
20 .153 .153 .151
21 .138 .142 .146
22 .120 .121 .121
23 .118 .118 .118
24 .156 .156 .156
25 .109 .109 .109
26 .119 .119 .118
27 .083 .083 .082
28 .117 .116 .116

29 .079 .080 .080
 30 .091 .090 .087
 31 .129 .130 .130
 32 .093 .094 .093
 33 .133 .134 .134
 34 .096 .097 .097
 35 .092 .089 .087
 36 .141 .167 .160
 37 .118 .114 .113
 38 .113 .113 .114
 39 .130 .130 .130
 40 .122 .122 .122
 41 .122 .122 .122
 42 .134 .132 .134
 43 .125 .125 .124
 44 .118 .118 .118
 45 .089 .089 .089
 46 .156 .156 .155
 47 .086 .085 .084
 48 .109 .110 .111
 49 .068 .068 .068
 50 .133 .133 .133
 51 .121 .120 .119
 52 .147 .149 .149
 53 .085 .085 .086
 54 .119 .119 .119
 55 .090 .093 .093
 56 .157 .157 .156
 57 .121 .122 .122
 58 .089 .088 .088
 59 .112 .112 .113
 60 .115 .115 .115
 61 .124 .124 .124
 62 .110 .111 .112
 63 .092 .091 .091

TU-H 18-19S 0-1E Level 1 0-10 cmbs.

18522- Cut nails: 10d- 1, 6d- 1, 4d- 1, 3d- 1, 2d- 1, incomplete- 6. Wire nails: 4d- 1, 3d- 7.
Rivets: 3/4"- 1. TU-H 18-19.5S 0-1W Level 2 10-20 cmbs.

18529- Stove bolt measuring 3/16" x 1 1/4" x 3/16". The head was cut for flush installation. There is 5/8" of 20-pitch threading. TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.

18533- Cut nails: 9d- 1, 6d- 1, 4d- 5, incomplete- 2. Wire nails: 3d- 2. TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.

18535- Flat glass:

1	.111	.110	.109
2	.081	.083	.085
3	.091	.091	.091
4	.075	.077	.077
5	.083	.083	.082
6	.086	.086	.087
7	.071	.071	.072
8	.108	.107	.106
9	.122	.122	.122
10	.103	.101	.097
11	.112	.113	.114

TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.

18540- Flat glass:

1	.074	.074	.074
2	.071	.071	.070

TU-C 62-63S 0-1W Level 4 30-40 cmbs.

18541- Cut nails: 4d- 2, incomplete- 1. Wire nails: 6d- 1. TU-C 62-63S 0-1W Level 4 30-40 cmbs.

18542- Lime mortar. TU-C 62-63S 0-1W Level 4 30-40 cmbs.

18543- Glazier's putty. TU-C 62-63S 0-1W Level 4 30-40 cmbs.

18546- Wire nails: 5d- 1, 7d- 2. Cut nails: Incomplete- 1. Feature 1 Surface 27.4-28.7N 1.9-3.4E.

18548- Ferrous metal hex nut fashioned to accommodate a 1/4", 24-pitch bolt. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18551- Lime plaster. Feature 1 Surface 27.4-28.4N 1.9- 3.4E.

18553- Flat glass:

1	.103	.108	.113
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Feature 1 Surface 27.4-28.7N 1.9-3.4E.

18555- Roofing felt fragment. Feature 1 Surface 27.4-28.7N 1.9-3.4E.

18557- Wire nails: 1" large head roofing nail- 1, incomplete- 42. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18558- Wood screw: 1" with 15-pitch threading- 1. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18559- Hardware fastener (nut) made of folded metal to accommodate bolts of different size. It measures about 7/8" by 1 3/8". It is complete, though no sound metal remains. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18582- One bag of lime mortar. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18588- Flat glass:

1 .113 .116 .117
2 .093 .094 .094
3 .114 .114 .113
4 .079 .079 .079
5 .150 .151 .151
6 .119 .119 .120
7 .091 .091 .091
8 .099 .107 .108

Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

18604- Flat glass:

1 .088 .087 .085
2 .097 .097 .098
3 .079 .079 .078
4 .095 .096 .095
5 .110 .108 .105
6 .096 .096 .096
7 .133 .127 .119
8 .077 .076 .075
9 .093 .091 .090
10 .134 .127 .128
11 .088 .088 .089
12 .093 .093 .093
13 .125 .128 .134
14 .097 .097 .097
15 .097 .097 .097
16 .091 .092 .093
17 .154 .154 .153
18 .105 .106 .105
19 .104 .106 .106
20 .097 .097 .097

21 .145 .145 .146
22 .108 .119 .109
23 .132 .130 .128
24 .093 .094 .092
25 .101 .119 .128
26 .084 .086 .084
27 .094 .094 .094
28 .093 .094 .094
29 .082 .082 .081
30 .099 .101 .100
31 .104 .105 .105
32 .073 .074 .074
33 .074 .074 .073
34 .096 .097 .097
35 .103 .103 .102
36 .097 .097 .097
37 .096 .096 .096
38 .104 .105 .105
39 .106 .107 .107
40 .100 .100 .099
41 .093 .094 .094
42 .097 .097 .097
43 .120 .123 .123
44 .089 .090 .089
45 .094 .094 .094
46 .073 .073 .073
47 .096 .096 .096
48 .093 .093 .093
49 .090 .090 .091

Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18635- Lead bolt anchor. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18643- Incomplete wing nut(?). Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18646- Complete carriage bolt and nut measuring about 5 1/2". Badly oxidized. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18647- Ferrous metal hasp staple measuring about 3 1/8". Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18649- Cut nails: 10d- 2, 8d- 5, 4d- 1, incomplete- 28. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18650- Wire nails: 60d- 1, 10d- 1, 6d- 1, 4d- 2, incomplete- 14. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18651- Wire screen cloth fragments for windows or doors. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18653- Nine short pieces of barbed wire which are too incomplete to identify further. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18654- Carriage bolt measuring 10 1/2" in length and 1/2" in diameter. Threads no longer evident because of rust. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18655- Two complete and 1 incomplete mortise door locks. They are without markings. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18657- Small bag of zinc flashing fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18659- One bit of glazier's putty. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18660- Waste whitewash which was deposited in a liquid state. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18661- Small bag of lime mortar. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18672- Flat glass:

1	.097	.104	.105
2	.101	.100	.096
3	.077	.077	.078
4	.090	.089	.088
5	.108	.103	.098
6	.079	.079	.077
7	.086	.082	.078
8	.078	.078	.077
9	.098	.099	.103
10	.108	.112	.112
11	.083	.083	.085
12	.086	.086	.084
13	.077	.078	.078
14	.101	.098	.095
15	.072	.071	.068
16	.079	.078	.076
17	.078	.077	.075
18	.077	.078	.078

19 .083 .084 .082
20 .109 .110 .109
21 .086 .085 .084
22 .090 .091 .092
23 .089 .088 .088
24 .083 .082 .082
25 .096 .095 .094
26 .109 .112 .113
27 .083 .086 .086
28 .078 .077 .072
29 .150 .149 .149
30 .100 .109 .111
31 .079 .081 .081
32 .098 .098 .099
33 .085 .086 .087
34 .082 .080 .081
35 .092 .093 .094
36 .102 .104 .106
37 .088 .088 .088
38 .098 .100 .101
39 .087 .088 .088
40 .093 .092 .091
41 .097 .098 .099
42 .084 .080 .078
43 .093 .094 .094
44 .055 .055 .056
45 .090 .091 .091
46 .109 .111 .113
47 .106 .106 .106
48 .111 .113 .114
49 .057 .057 .057
50 .109 .108 .106
51 .073 .075 .078
52 .101 .108 .108
53 .087 .087 .087
54 .101 .101 .101
55 .078 .079 .080
56 .069 .071 .071
57 .105 .107 .109
58 .055 .055 .055
59 .086 .089 .087
60 .074 .072 .071
61 .055 .055 .054
62 .076 .077 .077

63 .097 .097 .096
64 .079 .079 .078
65 .098 .102 .106
66 .087 .088 .087
67 .056 .057 .057
68 .097 .098 .097
69 .101 .102 .101
70 .053 .054 .054
71 .091 .089 .090
72 .081 .080 .079
73 .052 .053 .054
74 .057 .058 .059
75 .081 .080 .080
76 .075 .075 .075
77 .078 .078 .078
78 .078 .078 .079
79 .094 .094 .095
80 .100 .104 .103
81 .057 .056 .056
82 .055 .055 .055
83 .058 .058 .058
84 .092 .094 .095
85 .097 .097 .097
86 .056 .058 .058
87 .073 .073 .072
88 .144 .143 .142
89 .084 .085 .085
90 .103 .103 .104
91 .078 .078 .078
92 .055 .055 .055
93 .107 .107 .107
94 .087 .088 .089
95 .154 .154 .154
96 .104 .103 .100
97 .099 .102 .103
98 .064 .064 .064
99 .054 .054 .053
100 .080 .080 .080
101 .087 .087 .086
102 .060 .061 .061
103 .059 .059 .061

Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18673- Two bits of glazier's putty. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

- 18674- Small bag of zinc flashing fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18676- Small bag of lime plaster. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18678- Sliver of wood painted white. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18680- Milled tongue and groove board fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18692- Cuprous metal standard casement fastener handle with set screw. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18696- Roofing disk. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18697- Four fragments of barbed wire which are too incomplete to identify further. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18699- Complete upright rim lock which may be one of the original Fort door locks. On either side it is embossed "B.L.W."—(B...(?) Lock(?) Works(?)). An arced embossment, also on either side, may have borne the company name, but unfortunately it is illegible. Either side of the lock has a rectangular (with rounded ends) cutout to accommodate the dead bolt tab which was operated with the finger tip. Feature 1 27.4-28.7N 1.9-3.4 Level 3 45-65 cmbs.
- 18700- Complete, "shield" shaped, spring shackle, self-locking padlock of ferrous metal. It measures 4 1/4" high, 2 3/4" at greatest width, and 3/4" thick. There is a rectangular key hole cover on both obverse and reverse sides. Locks of this general configuration were being produced at least as early as ca. 1830 (DeVore 1987:7), through the Civil War era (Russell and Erwin Manufacturing Company 1980:106-108), and were still popular at the turn of the century (Sears Roebuck & Co. 1968:87). Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18701- Wood screw: cuprous metal, 3/4" with 18-pitch threads. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18702- Cut nails: 30d- 1, 20d- 1, 16d- 2, 10d- 5, 8d- 6, 6d- 1, 4d- 1, incomplete- 39. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18705- Cut nails: 20d- 2, 12d- 1, 8d- 1, incomplete- 1. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18709- Incomplete conduit strap. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18710- Incomplete roofing disk. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18730- Glazier's putty. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18731- Brick fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18732- Nine bits of lime plaster. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18736- Flat glass:

1	.110	.103	.100
2	.098	.099	.096
3	.076	.076	.075
4	.113	.120	.121
5	.109	.110	.110
6	.078	.076	.075
7	.064	.064	.065
8	.106	.102	.101
9	.085	.085	.085
10	.082	.086	.087
11	.093	.094	.095
12	.074	.074	.075
13	.085	.087	.089
14	.064	.064	.064
15	.100	.099	.098
16	.088	.088	.087
17	.073	.073	.073
18	.088	.089	.090
19	.117	.117	.117
20	.083	.083	.083
21	.087	.088	.089
22	.081	.082	.083
23	.095	.097	.097
24	.068	.068	.068
25	.076	.076	.077
26	.061	.061	.061
27	.079	.080	.080
28	.066	.063	.058
29	.083	.083	.083
30	.077	.077	.077

Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18739- One bag of lime plaster. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18746- Flat glass:

1 .092 .108 .106
2 .086 .085 .084
3 .086 .087 .087
4 .110 .108 .105
5 .105 .104 .099
6 .102 .103 .104
7 .095 .097 .099
8 .082 .082 .081
9 .106 .104 .103
10 .105 .106 .109
11 .109 .108 .107
12 .134 .133 .129
13 .078 .077 .077
14 .115 .116 .117
15 .090 .089 .088
16 .098 .102 .104
17 .085 .084 .083
18 .083 .084 .085
19 .079 .079 .079
20 .081 .084 .087
21 .081 .081 .079
22 .088 .086 .088
23 .099 .099 .099
24 .084 .085 .086
25 .080 .080 .082
26 .124 .127 .126
27 .108 .110 .111
28 .079 .079 .079
29 .122 .126 .130
30 .080 .083 .084
31 .078 .078 .078
32 .100 .108 .110
33 .083 .084 .083
34 .083 .086 .085
35 .074 .076 .078
36 .102 .111 .112
37 .087 .090 .092
38 .076 .076 .075
39 .076 .076 .075
40 .081 .081 .081
41 .076 .076 .076
42 .082 .081 .081
43 .101 .105 .106
44 .089 .086 .083

45 .106 .109 .108
46 .059 .060 .060
47 .088 .088 .087
48 .067 .067 .066
49 .064 .069 .069
50 .102 .102 .102
51 .077 .077 .077
52 .104 .104 .103
53 .075 .076 .076
54 .072 .072 .072
55 .071 .071 .070
56 .083 .084 .085
57 .107 .105 .106
58 .044 .055 .059
59 .092 .096 .097
60 .086 .087 .087
61 .084 .085 .085
62 .100 .105 .103
63 .073 .073 .070
64 .089 .092 .093
65 .082 .082 .082
66 .064 .066 .065
67 .077 .076 .077
68 .096 .096 .096
69 .076 .076 .076
70 .113 .108 .099
71 .083 .084 .084
72 .075 .075 .075
73 .077 .081 .080
74 .092 .092 .092
75 .080 .081 .080
76 .106 .106 .104
77 .055 .076 .078
78 .106 .108 .110
79 .097 .102 .109
80 .075 .076 .079
81 .083 .083 .085
82 .102 .097 .092
83 .091 .092 .092
84 .076 .077 .077
85 .076 .076 .077
86 .110 .108 .107
87 .064 .064 .065
88 .077 .077 .078

89 .087 .089 .090
90 .091 .091 .090
91 .082 .081 .080
92 .054 .054 .054
93 .091 .094 .097
94 .072 .072 .073
95 .041 .046 .051
96 .087 .088 .088
97 .111 .112 .113
98 .087 .088 .088
99 .077 .077 .079
100 .093 .092 .092
101 .122 .124 .125

Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18749- Cut nails: 20d- 2, 10d- 3, 8d- 3, incomplete- 34. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18762- Incomplete ferrous metal disk measuring about 7/8" in diameter. This *may* have been a scored "slug" removed from an electrical switch box. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18791- Wood screw: cuprous metal 1" 18-pitch- 1. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18792- Poorly preserved ferrous metal hex nut with 5/16" bolt broken off in it. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18796- Cut nails: 10d- 1, 7d- 1, 3d- 1, incomplete- 26. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18800- Flat glass:

1 .078 .078 .077
2 .076 .075 .074
3 .101 .102 .100
4 .097 .095 .091
5 .107 .107 .107
6 .108 .111 .113
7 .098 .102 .103
8 .081 .080 .080
9 .085 .085 .086
10 .076 .077 .077
11 .082 .082 .082
12 .077 .078 .078

13 .103 .106 .106
14 .071 .073 .075
15 .079 .077 .076
16 .095 .096 .096
17 .096 .109 .100
18 .110 .109 .107
19 .078 .081 .074
20 .079 .080 .080
21 .091 .091 .091
22 .065 .065 .063
23 .100 .103 .102
24 .082 .081 .081
25 .082 .084 .084
26 .059 .066 .070
27 .076 .074 .077
28 .113 .123 .129
29 .085 .086 .085
30 .087 .093 .098
31 .106 .106 .108
32 .092 .093 .092
33 .080 .080 .081
34 .057 .057 .057
35 .081 .081 .079
36 .070 .070 .070
37 .076 .076 .075
38 .079 .079 .078
39 .076 .076 .076
40 .082 .082 .082
41 .063 .063 .064
42 .085 .085 .084
43 .074 .075 .075
44 .086 .087 .086
45 .062 .063 .062

Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18801- One bag of lime mortar. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18802- One bag of lime plaster. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18803- One bag of waste whitewash deposited in a liquid state. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-125 cmbs.

18804- Cut nails: 20d- 2, 10d- 3, 12d- 3, 8d- 2, 6d- 2, 4d- 2, incomplete- 30. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18840- Flat glass:

1 .052 .053 .053

A trace of glazier's putty still adheres to this sherd. Feature 1 Level 2 25-45 cmbs.

18841- 12 bits of plaster with lath impressions on the reverse side. Feature 1 27.4-28.7N
1.9-3.4E Level 7 105-125 cmbs.

18848- Flat glass:

1 .076 .079 .081

2 .071 .069 .069

3 .067 .068 .069

4 .082 .082 .083

5 .077 .077 .075

6 .083 .084 .083

7 .081 .082 .084

8 .093 .094 .096

9 .098 .105 .107

10 .111 .109 .107

11 .087 .088 .090

12 .104 .101 .099

13 .082 .082 .082

14 .087 .086 .086

15 .094 .095 .094

16 .080 .081 .081

17 .092 .096 .098

18 .089 .104 .093

19 .074 .074 .074

20 .069 .069 .069

21 .117 .114 .113

22 .093 .095 .094

23 .098 .097 .096

24 .081 .079 .078

25 .101 .100 .101

26 .080 .080 .079

27 .085 .087 .088

28 .101 .101 .099

29 .103 .107 .109

30 .100 .099 .099

31 .076 .080 .081

32 .077 .082 .081

33 .083 .081 .080

34 .087 .091 .093

35 .109 .109 .112

36 .081 .083 .082

37 .109 .108 .105
38 .070 .069 .068
39 .079 .079 .078
40 .086 .087 .086
41 .076 .077 .078
42 .078 .077 .078
43 .082 .082 .082
44 .095 .093 .092
45 .083 .085 .085
46 .085 .084 .083
47 .098 .093 .093
48 .075 .076 .076
49 .077 .079 .079
50 .072 .075 .077
51 .091 .094 .097
52 .087 .086 .083
53 .073 .074 .074
54 .080 .076 .072
55 .101 .105 .107
56 .073 .072 .071
57 .080 .080 .080
58 .077 .076 .076
59 .086 .087 .087
60 .073 .072 .072
61 .096 .097 .100
62 .084 .082 .080
63 .093 .096 .096
64 .098 .100 .101
65 .075 .075 .075
66 .076 .078 .077
67 .101 .103 .103
68 .106 .105 .102
69 .095 .096 .096
70 .077 .079 .079
71 .068 .057 .048
72 .081 .081 .082
73 .107 .106 .105
74 .075 .076 .076
75 .081 .081 .080
76 .082 .081 .081
77 .089 .088 .087
78 .100 .104 .105
79 .077 .077 .077
80 .080 .081 .080

81 .088 .090 .090
82 .090 .090 .091
83 .082 .081 .081
84 .093 .094 .092
85 .082 .081 .081
86 .074 .074 .074
87 .095 .097 .097
88 .093 .093 .094
89 .084 .084 .084
90 .078 .078 .079
91 .050 .071 .047
92 .129 .120 .102
93 .087 .085 .084
94 .075 .076 .076
95 .077 .079 .080
96 .102 .104 .103
97 .076 .077 .077
98 .075 .075 .075
99 .077 .077 .077
100 .078 .078 .079
101 .092 .092 .091
102 .092 .092 .091
103 .075 .075 .075
104 .081 .080 .079
105 .064 .064 .064
106 .052 .046 .042
107 .078 .079 .079
108 .059 .063 .060
109 .087 .089 .087
110 .095 .096 .096
111 .082 .082 .082
112 .064 .064 .063
113 .064 .064 .064
114 .068 .068 .067
115 .096 .097 .101
116 .070 .070 .070
117 .070 .070 .070
118 .092 .093 .093
119 .078 .078 .079
120 .073 .074 .073
121 .139 .139 .137
122 .101 .103 .103
123 .086 .086 .085
124 .069 .071 .074

125 .109 .111 .112
126 .069 .069 .069
127 .080 .080 .080
128 .079 .080 .080
129 .086 .087 .087
130 .078 .077 .077
131 .112 .113 .112
132 .073 .073 .072
133 .064 .053 .044
134 .087 .087 .086
135 .044 .047 .048
136 .079 .079 .078
137 .083 .080 .077
138 .073 .077 .077
139 .079 .079 .078
140 .064 .064 .064
141 .077 .077 .077
142 .085 .086 .088
143 .089 .090 .090
144 .094 .095 .096
145 .113 .113 .112
146 .047 .064 .071
147 .066 .068 .068
148 .069 .061 .045
149 .086 .086 .085
150 .082 .083 .083
151 .075 .075 .076
152 .086 .086 .086

Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18877- Ferrous metal disk measuring 7/8" in diameter. This may have been a scored slug removed from an electrical fuse box. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18878- Wire nail: 7d- 1. Cut nails: 20d- 1, 10d- 3, 8d- 1, 6d- 4, 4d- 1. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18892- 2 pieces of lime plaster. Feature 1 Level 8 125-145 cmbs.

18916- Waste whitewash. Feature 1 27.4-28.7N 1.9-3.4E Level 7 Base 125 cmbs.

18917- Cut nails: 10d- 2, 4d- 6, 3d- 5, incomplete- 13. Wire nail: 4d- 1. Feature 1 North Wall Profile.

18918- Wire nails: 7d- 1, 7d finishing- 1 5d- 1, 4d- 2, 3d- 6, 2d- 1. Feature 1 North Wall Profile.

18924- One small piece of lead(?) flashing. Feature 1 North Wall profile.

18935- Flat glass:

1 .095 .105 .103

2 .084 .085 .085

3 .084 .083 .083

4 .083 .083 .083

5 .094 .094 .094

6 .088 .088 .087

7 .089 .089 .089

8 .075 .075 .076

Feature 1 North Wall Profile.

18936- Small fragment of asphalt roofing surfaced with crushed light gray and red slate. Feature 1 North Wall Profile.

18937- Eleven fragments of used glazier's putty. Feature 1 North Wall Profile.

18939- Two bits of lime mortar. Feature 1 North Wall Profile.

18948- Wire nail: incomplete- 1. TU 5 Surface.

18949- Wire nails: 8d- 3, 7d- 1. TU 6 Surface.

18950- Flat glass:

1 .100 .100 .100

Collection Unit 7 0-1N 0-1E Surface.

18953- Cut nail: incomplete- 1. Collection Unit 10 1-2N 4-5E Surface.

18954- Wire nails: 8d- 1, incomplete- 1. Collection Unit 11 1-2N 3-4E Surface.

18958- Wire nail: incomplete- 1. Collection Unit 12 1-2N 2-3E Surface.

18959- Cut nails: incomplete- 2. Collection Unit 12 1-2N 2-3E Surface.

18961- Wood screw 2" with 11-pitch threading- 1. Collection Unit 16 2-3N 5-6E Surface.

18962- Wire nail: 8d- 1. Collection Unit 16 2-3N 5-6E Surface.

18963- Wire nails: 8d- 3. Collection Unit 16 2-3N 5-6E Surface.

- 18964- Wire nail: 4d- 1. Collection Unit 17 2-3N 4-5E Surface.
- 18965- Cut nails: incomplete- 2. Collection Unit 17 2-3N 4-5E Surface.
- 18966- Wire nails: 8d- 4. Collection Unit 18 2-3N 3-4E Surface.
- 18968- Cut nail: 6d- 1. Collection Unit 19 2-3N 2-3E Surface.
- 18969- Wire nail: incomplete- 1. Collection Unit 19 2-3N 2-3E Surface.
- 18970- Wire nail: 4d- 1. Collection Unit 20 2-3N 1-2E Surface.
- 18971- Cut nails: 6d- 1, 2d- 4, incomplete- 6. Collection Unit 20 2-3N 1-2E Surface.
- 18973- Wire nails: 16d-1, 8d- 12. Collection Unit 21 2-3N 0-1E Surface.
- 18974- Cut nail: 6d- 1. Collection Unit 21 2-3N 0-1E Surface.
- 18976- Cut nails: 20d- 1, incomplete 3. Collection Unit 23 3-4N 5-6E Surface.
- 18977- Wire nail: 60d- 1. Cut nail: incomplete- 1. Collection Unit 24 3-4N 4-5E Surface.
- 18978- Incomplete ferrous metal strap hinge. Collection Unit 25 3-4N 3-4E Surface.
- 18979- Wire nail: 10d- 1. Collection Unit 25 3-4N 3-4E Surface.
- 18980- Wire nails: 60d- 1, 20d- 1, 8d- 2, 7d- 1, 4d-3, incomplete- 1. Collection Unit 26 3-4N 2-3E Surface.
- 18981- Cut nails: 10d- 2, incomplete- 1. Collection Unit 26 3-4N 2-3E Surface.
- 18982- Wire nails: 10d- 2, 4d- 2, incomplete- 2. Collection Unit 27 3-4N 1-2E Surface.
- 18984- Flat glass:
1 .091 .092 .092
Collection Unit 27 3-4N 1-2E Surface.
- 18985- Wire nails: 20d- 2, 10d- 3, 8d finishing- 1, 8d- 6. Collection Unit 28 3-4N 0-1E Surface.
- 18986- Wire nails: 6d finishing- 7, 8d finishing- 1. Collection Unit 29 4-5N 6-7E Surface.
- 18987- Wire nails: 8d- 1. Collection Unit 30 4-5N 5-6E Surface.

- 18988- Wire nail: incomplete- 1. Collection Unit 30 4-5N 5-6E Surface.
- 18989- Wire nails: 8d- 4, 7d- 1, incomplete- 1. Collection Unit 31 4-5N 4-5E Surface.
- 18990- Cut nail: incomplete- 1. Collection Unit 31 4-5N 4-5E Surface.
- 18991- White paint spill. Collection Unit 31 4-5N 4-5E Surface.
- 18992- Wire nails: 8d- 4, 4d- 1, 3d- 1. Collection Unit 33 4-5N 2-3E Surface.
- 18993- Wire nail: 8d- 1. TU 34 Surface.
- 18995- Wire nails: 16d- 1, incomplete- 2. Collection Unit 35 4-5N 0-1E Surface.
- 18999- Wire nails: 8d- 3, incomplete- 15. Collection Unit 36 5-6N 6-7E Surface.
- 19001- Wire nails: 8d- 2, 6d casing- 1, incomplete- 9. Collection Unit 37 5-6N 5-6E Surface.
- 19002- Wire nails: 8d- 5, incomplete- 2. Collection Unit 38 5-6N 4-5E Surface.
- 19003-4- Cut nails: 6d- 2. Wire nails: 8d- 3. TU 39 Surface.
- 19006- Cut nails: 10d- 1, incomplete- 1. Wire nails: 6d- (finishing) 1, 3d- 1. Cotter pin- 1 (1 3/4"). 32-33N 5-6E Dust Zone 0-3 cmbs.
- 19007- Cut nails: incomplete- 9. Collection Unit 30-31N 4-6E Surface.
- 19014- Flat glass:
1 .090 .090 .090
Collection Unit 30-31N 4-6E Surface.
- 19015- Cut nails: 20d- 1, 10d- 1, incomplete- 12. Collection Unit 30-31N 5-6E Surface.
- 19022- Cut nails: 8d- 5 (1 is driven through a wood fragment), incomplete- 4. 32-33N 4-5E Dust Zone 0-3 cmbs.
- 19023- Flathead, ferrous metal wood screws: 1 1/4" (12-pitch) -1, 1 1/4" (13-pitch) -1, 1" (14-pitch) -5, 1" (16-pitch) -1, incomplete (13-pitch) -1. S. End Mess Room 16-21.9 Meters.
- 19033- 1/2" panhead sheet metal screw. 32-33N 4-5E Dust Zone 0-3 cmbs.
- 19038- Cut nails: 20d- 1, 10d- 1, 6d- 1, incomplete- 14. Collection Unit 30-31N 6-7E Surface.

- 19052- Cut nails: 20d- 4, 12d- 1, incomplete- 12. TU-14 31-32N 6-7E 0-3 cmbs.
- 19079- Cut nails: incomplete- 4. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.
- 19082- Cut nails: 20d- 3, 12d- 1, 10d- 2, 8d- 3, 6d- 2, 3d- 1, 2d- 1, incomplete- 13. Collection Unit 32-33N 6-7E Surface.
- 19083- Wire nails: 30d- 1, 8d (finishing)- 1, 7d (casing)- 1, 4d- 1, 3d- 1. Collection Unit 32-33N 6-7E Surface.
- 19084- Wood screw: 3/4" galvanized 16-pitch threading- 1. Collection Unit 32-33N 6-7E Surface.
- 19088- Slotted electrical switch box slug measuring 5/8" in diameter. The slot simplified removal with a screwdriver tip. Collection Unit 32-33N 6-7E Surface.
- 19089- Flat glass:
- | | | | |
|---|------|------|------|
| 1 | .084 | .083 | .083 |
| 2 | .081 | .081 | .082 |
| 3 | .083 | .083 | .083 |
| 4 | .082 | .082 | .082 |
| 5 | .081 | .081 | .081 |
- Collection Unit 32-33N 6-7E Surface.
- 19116- Cut nails: 10d- 1, incomplete- 1. 33-34N 4-5E Dust Zone 0-3 cmbs.
- 19123- Cut nails: 8d- 2, 6d- 2, incomplete- 3. Collection Unit 33-34N 5-6E Surface.
- 19124- Wire nails: 4d- 1, 5d (finishing)- 1. Collection Unit 33-34N 5-6E Surface.
- 19125- Flathead wood screw measuring 3/4" with 14-pitch threading- 1. Collection Unit 33-34N 5-6E Surface.
- 19126- Ring connector for an electrical terminal. Collection Unit 33-34N 5-6E 0-3 cmbs Dust Zone.
- 19133- Cut nails: 8d- 4, incomplete- 3. Collection Unit 34-35N 4-5E Surface.
- 19135- Wire nails: 20d- 1, 10d- 1, 8d- 1, 8d casing- 1, 6d- 2, 4d- 1, 3d- 3.
- 19136- Cut nails: 10d- 1, 8d- 1, 6d- 1, 4d- 1, 2d- 1, incomplete- 6. Collection Unit 34-35N 5-6E Surface.
- 19137- One roofing disk. Collection Unit 34-35N 5-6E Surface.

19138- Ferrous metal washer measuring 3/4". Collection Unit 34-35N 5-6E Surface.

19145- Flat glass:

1 .107 .116 .116
2 .096 .096 .095
3 .092 .092 .092
4 .085 .085 .086
5 .122 .120 .119
6 .092 .093 .094
7 .093 .094 .094
8 .065 .066 .063
9 .061 .063 .064

Collection Unit 34-35N 5-6E Surface.

19188- Flat glass:

1 .062 .061 .060
2 .123 .123 .123
3 .087 .088 .090
4 .094 .094 .094
5 .083 .084 .084

Collection Unit 34-35N 6-7E Surface.

19192- Wire nails: 60d- 1, 40d- 1, 12d- 2, 10d finishing- 1, 9d- 1, 7d- 1, 3d- 2, incomplete- 2. Collection Unit 34-35N 6-7E Surface.

19193- Cut nails: 20d- 1, 10d- 3, 8d- 1, 7d- 1, 6d- 1, 4d- 1, incomplete- 4. Collection Unit 34-35N 6-7E Surface.

19196- Cut nails: 20d- 1, 8d- 4, 4d- 3, incomplete- 17. Collection Unit 36-37N 4-5E Surface.

19197- Lime mortar fragment with plaster on one side. Collection Unit 36-37N 4-5E Surface.

19202- One small bag of fiberboard fragments. Collection Unit 36-37N 4-5E Surface.

19203- Flat glass:

1 .074 .075 .076
2 .075 .075 .075

Collection Unit 36-37N 4-5E Surface.

19204- Cut nails: 20d- 1, 10d- 3, 8d- 3, 4d- 1, incomplete- 10. 36-37N 2-3E Dust Zone 0-3 cmbs.

19206- Plaster with a flat blue paint (equal to Munsell 5PB 7/8) on one surface. 36-37N 2-3E Dust Zone 0-3 cmbs.

19207- Flat glass:

1 .080 .080 .079

36-37N 2-3E Dust Zone 0-3 cmbs.

19208- Cut nails: 10d- 2, 8d- 1, 4d- 1, incomplete- 5. 36-37N 4-5E Dust Zone 0-3 cmbs.

19210- Flat glass:

1 .080 .081 .080

2 .076 .077 .077

3 .087 .087 .087

4 .084 .097 .105

5 .080 .100 .108

6 .074 .074 .073

7 .090 .098 .102

8 .098 .100 .102

9 .091 .091 .092

10 .070 .070 .070

11 .079 .079 .078

12 .077 .077 .077

13 .108 .111 .083

Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

19215- Flat glass:

1 .075 .075 .074

Collection Unit 36-37N 4-5E Surface.

19216- Cut nails: 6d- 1, 4d- 1, incomplete- 12. 36-37N Dust Zone 0-3 cmbs.

19220- Cut nails: 10d- 3, 8d- 2, incomplete- 16. Collection Unit 36-37N 6-7E Surface.

19221- Wire nails: 8d- 1, incomplete- 1. Collection Unit 36-37N 6-7E Surface.

19230- Cut nails: 10d- 2, incomplete- 8. 37-38N 4-5E Dust Zone 0-3 cmbs.

19231- 3/4" flat head wood screw with 16-pitch threading. 37-38N 4-5E Dust Zone 0-3 cmbs.

19233- Cut nails: 10d- 1, incomplete- 9. 37-38N 6-7E Dust Zone 0-3 cmbs.

19241- Cut nails: 20d- 1, 10d- 1, 8d- 1, 6d- 1, incomplete- 6. 38- 39N 4-5E Dust Zone 0-3 cmbs.

19242- Flathead wood screw of ferrous metal measuring 1" with 14-pitch threading. 38-39N 4-5E Dust Zone 0-3 cmbs.

19244- One piece of charred wood with a planed surface and a grooved edge milled to accept a tongued board. Also included under this catalog number is another piece of charred wood which *may* have been a part of the same artifact. 38-39N 4-5E Dust Zone 0-3 cmbs.

19246- Cut nails: incomplete- 7. 38-39N 5-6E Dust Zone 0-3 cmbs.

19248- Cut nails: 10d- 1, incomplete- 4. 38-39N 6-7E Dust Zone 0-3 cmbs.

19251- Cut Nails: 10d- 3, 8d- 2, incomplete 8. 36-37N 5.6E 0-3 cmbs Dust Zone.

19256- Cut nails: 10d- 1, 8d- 4, incomplete- 10. 39-40N 5-6E Dust Zone 0-3 cmbs.

19262- Cut nails: 20d- 1, 12d- 2, 10d- 2, incomplete- 43. 25N 3.9E Surface.

19264- Cut nails: 10d- 5, 8d- 1, 6d- 3, 2d- 1, incomplete- 15. Wire nails: 8d- 1, 6d- 1. 39-40N 6-7E Dust Zone 0-3 cmbs.

19272- 3 pieces of plaster with horse hair binder and a whitewash finish. 39-40N 6-7E Dust Zone 0-3 cmbs.

19276- Flat glass:
1 .060 .060 .060.
39-40N 6-7E Dust Zone 0-3 cmbs.

19285- Flat glass:
1 .082 .081 .083
2 .094 .094 .095
3 .088 .088 .089
4 .089 .089 .089
5 .076 .076 .076
6 .112 .112 .111
7 .087 .088 .088
8 .071 .070 .070
9 .077 .079 .078
10 .149 .149 .146
39-40.5N 0-1E Dust Zone 0-3 cmbs.

19294 & 19300- Cut nails: 20d- 2, 16d- 1, 12d-2, 10d- 4, 4d- 4, 3d- 2, incomplete- 13. Wire nails: 20d- 2, 16d- 1, 12d- 1, 10d- 1, 8d- 4, 5d- 1, 3d- 2, incomplete- 4. Staples: 1 1/2"- 1. Washers: 1/2" o.d.- 1. 39-40.5N 0- 1E Dust Zone 0-3 cmbs.

19302-3- Cut nails: 20d- 2, 12d- 2, 10d- 8, 8d- 3, incomplete- 16. Wire nails: 12d-1, 8d- 2, incomplete- 1. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19318- Flat glass:

1 .069 .069 .068

2 .088 .088 .091

3 .081 .081 .083

4 .076 .077 .078

39-40.5N 1-2E Dust Zone 0-3 cmbs.

19337- Cut nail: 8d- 1.

58-59N 0-1E Surface.

19338- Flat glass:

1 .080 .080 .079

58-59N 0-1E Surface.

19344- Wire nail: 16d- 1. Collection Unit 0-1N 6-7E Surface.

19346- Cut nails: 20d- 1, 8d- 1, 6d- 1, 4d- 2, incomplete- 18. Surface Collection 1-2N East Wall.

19347- Wire nails: 60d- 1, 20d- 1, 16d- 1, 8d- 8, 8d casing- 1, 6d- 1, 6d finishing- 1, incomplete- 16. Cut nails: 2d- 2. Surface Collection 1-2N East Wall.

19349- Cut nails: 6d- 1, 4d- 2, 2d- 52, incomplete- 339. Wire nail: 4d finishing- 1. Surface Collection 1-2N East Wall.

19351- Flat glass:

1 .123 .123 .121

2 .103 .104 .104

3 .080 .079 .079

4 .073 .074 .074

5 .092 .092 .092

6 .091 .092 .092

7 .071 .071 .072

8 .063 .063 .063

Surface Collection 1-2N East Wall.

19357- Wire nails: 8d- 4, 6d- 1, 6d casing- 6, 3d- 1, incomplete 8. Surface Collection 1-6.5N West Wall.

19358- Cut nails: 20d- 1, 10d- 1, 8d- 1, 7d- 1, 6d- 1 4d- 1, incomplete- 16. Wire nails: 8d- 1, 6d- 1, 6d casing- 1. Surface Collection 1-6.5N West Wall.

19359- Ferrous metal wood screw measuring 3/4" in length with 14-pitch threading. Also included under this catalog number is a ferrous metal rivet measuring 3/4" in length. Surface Collection 1-6.5N West Wall.

19368- Flat glass:

1 .097 .098 .098

2 .092 .092 .090

3 .094 .094 .094

Surface Collection 1-6.5N West Wall.

19369- Cut nails: 30d- 1, 20d- 3, 16d- 1, 10d- 13, 8d- 4, 7d- 2, 6d- 1, 4d- 2, incomplete- 49. Surface Collection 6.5-10.5N.

19371- Carriage bolt measuring 2 1/2". Complete with nut. The bolt has 1" of 24-pitch threading. Surface Collection 6.5-10.5N.

19379- Flat glass:

1 .083 .085 .087

2 .091 .092 .092

Surface Collection 6.5-10.5N.

19381- White paint chip with wood fibers adhering to reverse. Surface Collection 6.5-10.5N.

19392- Cut nails: 20d- 8, 16d- 1, 10d- 19, 8d- 5, 6d- 1, 4d- 3, 2d- 1, incomplete- 95. Surface Collection 6.5-10.5N.

19393- Wire nails: 40d- 1, 16d- 1, 10d- 1, 8d- 3, 8d casing- 1, 6d finishing- 4, 4d finishing- 1, 3d- 3, 2d- 1, incomplete- 4. Surface Collection 6.5-10.5N.

19395- Cut nail: 20d- 1 (driven through a bit of wood). Surface Collection 6.5-10.5N.

19404- Flat glass:

1 .090 .090 .087

2 .093 .093 .094

3 .090 .091 .093

4 .093 .093 .093

5 .069 .068 .068

6 .106 .103 .100

7 .093 .092 .093

8 .084 .086 .088

9 .097 .097 .091

10 .092 .093 .094

11 .093 .094 .093

12 .095 .096 .096
13 .068 .070 .072
14 .093 .093 .093
15 .094 .094 .094
16 .061 .060 .059
17 .056 .056 .056
18 .093 .092 .092
19 .093 .093 .091
20 .059 .059 .059
21 .093 .093 .093
22 .083 .084 .084
23 .084 .084 .082
24 .076 .077 .078
25 .064 .065 .064
26 .095 .096 .095
27 .105 .105 .106
28 .061 .061 .060
29 .080 .079 .078
30 .072 .072 .072
31 .068 .068 .068
32 .092 .092 .092
33 .082 .083 .083
34 .080 .080 .080
35 .095 .095 .095
36 .086 .087 .087
37 .080 .081 .081
38 .067 .068 .068
39 .084 .084 .083

Surface Collection 6.5-10.5N

19414- Rectangular piece of copper sheeting measuring 5 13/16" x 5 1/2". An unevenly cut half-round section was removed from 1 margin, perhaps to accommodate a water pipe. The sheet measures .027" in thickness which may be somewhat heavier than common flashing. Surface Collection 7.2N 5.7E.

19415- Flat glass:

1 .092 .095 .096
2 .097 .099 .100
3 .097 .099 .098

Surface Collection 7.6N 1.44E.

19417- Cut nails: 20d- 9, 10d- 18, 8d- 7, incomplete- 20. Surface Collection 10.5-16N.

19418- Wire nails: 40d- 1, 16d- 2, 6d finishing- 1, incomplete- 3. Surface Collection 10.6-16N.

19421- Flat glass:

1 .102 .101 .103
2 .100 .100 .101
3 .100 .100 .100
4 .100 .100 .100
5 .100 .100 .100
6 .100 .100 .100
7 .100 .100 .100

Surface Collection 10.5-16N.

19422- One small lump of lime mortar. Surface Collection 10.5-16N.

19438- Wire nails: 8d- 1, 6d finishing- 18, incomplete- 8. Surface Collection 10.5-16N.

19439- Cut nails: 10d- 10, 8d- 3, 7d- 1, 6d- 2, 4d- 1, 2d- 1, incomplete- 70. Surface Collection 10.5-16N.

19441- Flat glass:

1 .100 .103 .101
2 .100 .102 .104
3 .100 .100 .101
4 .093 .108 .101
5 .100 .101 .102
6 .102 .102 .103
7 .100 .103 .102
8 .100 .099 .100
9 .104 .102 .102
10 .106 .107 .106

Surface Collection 11N 8E.

19442- Paint chip. Sky blue in color. Surface Collection 16-21.9N.

19448- Flat glass:

1 .074 .076 .076
2 .076 .076 .074
3 .069 .069 .070
4 .091 .092 .092
5 .059 .061 .061
6 .091 .091 .092
7 .062 .062 .061

Surface Collection 16-21.9N.

19449- Wire nails: 16d- 1, 8d- 3, 6d casing- 2, 4d- 1, incomplete- 6. Surface Collection 16-21.9N

19451- Cut nails: 10d- 3, 9d- 1, 8d- 2, 6d- 3, 4d- 1, 3d- 1, incomplete- 33. Wire nails: 10d- 1, 7d- 1. Surface Collection 16-21.9N.

19452- Two ferrous metal wood screws measuring 1" in length with 16-pitch threading. Surface Collection 16-21.9N.

19457- Ferrous metal cardboard box staple. Surface Collection 16-21.9N.

19461- Ferrous metal door knob shank. Surface Collection 16-21.9.

19492- Flat glass:

1 .074 .073 .073

S. End Mess Room 16-21.9 Meters.

19498- Barbed metal strip (barbed wire). Patented (No. 199,018) by Lewis F. Betts, of Chicago, Illinois, January 8, 1878 (James 1966:74-75). Barbs missing. S. End Mess Room 16-21.9 Meters.

19503- Staples- 1 3/16", 1 3/4". S. End Mess Room 16-21.9 Meters.

19504- 3/4" flat head machine screw with 18-pitch threading. S. End Mess Room 16-21.9 Meters.

19506- 1 carriage bolt 7 1/4" long, 1 3/8" threading, 18-pitch. 1 carriage bolt 3 1/4" long, 1" threading, 20-pitch. S. End Mess Room 16-21.9 Meters.

19507-8- Rivets: 19 ferrous, 2 cuprous. S. End Mess Room 16-21.9 North Surface (?).

19509-10- Cut nails: 20d- 2, 16d- 1, 10d- 7, 8d- 8, 6d- 9, 4d- 5, 3d- 1, incomplete- 69. Wire nails: 40d- 1, 20d- 2, 10d- 6, 9d- 4, 8d- 16, 6d casing- 3, 6d finishing- 1, 5d- 1, 3d- 2, incomplete- 22. S. End Mess Room 16-21.9 Meters.

19513- Washers: 2" outside diameter, 13/16" inside diameter and 1 1/4" outside diameter, 7/16" inside diameter. Both of ferrous metal. S. End Mess Room 19-21.9 Meters.

19548- Ferrous metal trapdoor ring measuring 3 1/2" in diameter (Russell and Erwin Manufacturing Company 1980:146). Surface Collection 18.7N 2.0E.

19561- Cut nails: 20d- 7, 10d- 1, 8d- 4, incomplete- 45. There are also three cut nails embedded in a piece of wood for which penny size was not measured; however, they appear to be 8d. S. End Day Room 22.3-25.8 Meters.

19562- Wire nail: 1" roofing, galvanized finish. S. End Day Room 22.3-25.8 Meters.

19563- Flathead cuprous metal wood screws: 1- 1", 16-pitch, 2- 7/8", 18-pitch, 3- 5/8", 18-pitch. S. End Day Room 22.3-25.8 Meters.

19564- Flathead cuprous metal wood screw: 3/4", 20-pitch. S. End Day Room 22.3-25.8 Meters.

19570- Flat glass:

1	.082	.082	.084
2	.080	.080	.080
3	.084	.084	.083
4	.085	.085	.083
5	.079	.079	.078
6	.078	.078	.078
7	.057	.058	.057
8	.084	.085	.084
9	.056	.057	.057
10	.060	.061	.060

S. End Day Room 22.3-25.8 Meters.

19575- Limecrete fragment with lath-like impression on reverse. S. End Day Room 22.3-25.8 Meters.

19576- Lime mortar fragment. S. End Day Room 22.3-25.8 Meters.

19586- Limecrete. Finish coat of plaster on one side. 39-40.5N 0-1E Dust Zone 0-3 cmbs.

19617- Limecrete fragment painted beige on the obverse and exhibiting a lath impression on the reverse. Surface Collection 22.3-25.8N.

19619- Flat glass:

1	.077	.076	.075
2	.088	.088	.088
3	.098	.100	.094
4	.130	.128	.128
5	.100	.104	.106
6	.101	.103	.103
7	.084	.084	.083
8	.093	.092	.090
9	.071	.071	.071
10	.083	.083	.085
11	.102	.103	.101
12	.092	.091	.089

13 .107 .105 .104
14 .078 .080 .080
15 .084 .085 .089
16 .083 .084 .085
17 .082 .082 .082
18 .070 .070 .069
19 .096 .100 .100
20 .105 .107 .109
21 .090 .090 .091
22 .127 .128 .128
23 .100 .101 .103
24 .111 .112 .112
25 .090 .089 .088
26 .082 .082 .083
27 .128 .128 .128
28 .129 .130 .129
29 .128 .129 .129
30 .094 .095 .095
31 .090 .090 .090
32 .110 .111 .112
33 .096 .095 .094
34 .079 .084 .085
35 .092 .092 .092
36 .098 .097 .097
37 .079 .080 .081
38 .091 .091 .092
39 .057 .056 .057
40 .079 .080 .078
41 .101 .101 .101
42 .126 .127 .127
43 .128 .127 .127
44 .092 .092 .092
45 .090 .089 .085
46 .091 .095 .096
47 .079 .081 .081
48 .090 .091 .091
49 .088 .090 .091
50 .090 .091 .091
51 .071 .070 .070
52 .128 .128 .128
53 .079 .079 .078
54 .071 .071 .071
55 .065 .065 .066
56 .103 .103 .095

57 .092 .092 .093
 58 .091 .092 .093
 59 .111 .111 .111
 60 .091 .088 .086
 61 .078 .078 .078
 62 .082 .085 .084
 63 .096 .099 .099
 64 .091 .091 .091
 65 .065 .065 .065
 66 .098 .099 .099
 67 .086 .086 .086
 68 .061 .062 .062
 69 .092 .092 .092
 70 .090 .091 .092
 71 .127 .127 .127
 72 .082 .083 .083
 73 .088 .087 .087
 74 .073 .073 .073
 75 .064 .064 .064
 76 .101 .102 .102
 77 .083 .085 .087
 78 .076 .076 .075
 79 .064 .064 .062
 80 .069 .069 .068
 81 .086 .086 .086
 82 .079 .079 .078
 83 .082 .084 .084
 84 .078 .078 .078
 85 .081 .081 .080

Surface Collection 22.3-25.8N.

19619- Wooden glazing bar (member in a window unit which forms the framework of individual panes) (Ware and Beatty 1961:56) fragment with a window pane sherd still being held in with a bit of putty. One measurement (.083") was possible on the glass. Another piece of wood cataloged under this number *may* be part of a glazing bar too. Surface Collection 22.3-25.8N.

19673- Cut nail: incomplete- 1. Surface Collection 23.9N 5.0E.

19675- Flat glass:

1 .113 .111 .109
 2 .113 .117 .102

Surface Collection 23.8N-5.0E.

19697- Flathead wood screws: 1 3/4", 11-pitch- 1, 1", 14-pitch- 1. 25N 5.9E Surface.

19703- Flat glass:

1 .081 .081 .081

2 .077 .077 .077

25N 5.9E Surface.

19715- Flat glass:

1 .098 .100 .101

2 .080 .079 .078

3 .085 .084 .083

28.85N 2.7E Surface.

19722- Cut Nails: 29d- 2, 10d- 6, 8d- 4, 6d- 1, 3d- 1, incomplete-1. Horseshoe nails: incomplete- 1. 29.3-34.5N Surface.

19724- 2 incomplete "eye" bolts or screws. S. End Saddlery 29.3- 34.5 Meters.

19735- Flat glass:

1 .083 .084 .084

2 .085 .084 .085

3 .086 .085 .085

4 .087 .087 .087

5 .085 .086 .086

6 .091 .091 .091

7 .090 .090 .089

8 .083 .083 .083

9 .065 .065 .065

10 .089 .089 .089

11 .095 .094 .093

12 .066 .073 .077

S. End Saddlery 29.3-34.5.

19742- Cut nails: 20d- 4, 10d- 3, 8d- 4, 6d- 4, 2d- 2, incomplete- 13. Surface Collection 29.3-34.5N.

19743- Ferrous metal wood screw: 1" with 16-pitch threading. Surface Collection 29.3-34.5N.

19745- Spike hook measuring about 7" in length. Surface Collection 29.3-34.5N.

19747- Wire nail: incomplete- 1. Surface Collection 29.3-34.5N.

19748- Short length of barbed wire. Oxidized barbs preclude further identification.
Surface Collection 29.3-34.5N.

19759- Flat glass:

1 .087 .087 .087

2 .077 .078 .077

3 .078 .078 .078

Surface Collection 29.3-34.5N.

19769- Flat glass:

1 .089 .089 .089

2 .089 .088 .088

3 .088 .088 .088

Surface Collection 30.45N 0.84E.

19770- Flat glass:

1 .090 .090 .090

2 .090 .090 .090

3 .090 .090 .090

4 .089 .090 .090

5 .090 .090 .090

6 .089 .089 .089

7 .090 .090 .090

8 .089 .089 .089

9 .090 .090 .090

10 .090 .090 .090

11 .084 .089 .090

12 .088 .089 .089

13 .088 .088 .088

14 .088 .088 .088

15 .088 .088 .089

16 .088 .088 .088

17 .090 .090 .090

18 .090 .090 .089

19 .088 .088 .088

20 .088 .088 .088

21 .089 .090 .090

22 .088 .089 .088

23 .090 .090 .090

24 .090 .090 .090

25 .088 .088 .088

26 .089 .090 .089

27 .089 .089 .088
28 .089 .088 .088
Surface Collection 30.75N 0.33E.

19775- Cut nails: 30d- 1 (embedded in wood fragment), 10d- 1, incomplete- 7. Surface Collection 31-32N 4-5E.

19776- Flat glass:
1 .097 .096 .096
2 .065 .065 .065
Surface Collection 31-32N 4-5E.

19798- "Paint" style can. Pry-off lid missing. The can measures 2 7/8" in height and 2 13/16" in diameter. This type of container dates from 1906 (Berge 1980:261). An incomplete turquoise and white label is imprinted: "Standard Quality/Pu..." (putty). Approximately 20% of the original contents remain in the can. 34.1N 5.7E Surface.

19810- Cut nail: 8d- 1. Surface Collection 36.45N 6.75E.

19825- Cut nail: 10d- 1. Surface Collection 39.65N 6.33E.

19829- Cut nails: 7" spikes- 2, 20d- 11, 12d- 1, 10d- 49, 8d- 20, 2d- 1, incomplete- 108. Surface Collection 41-46N.

19830- Wire nails: 6d finishing- 2, 3d- 1, 2d- 1, incomplete- 1. Surface Collection 41-46N.

19831- Square, homemade washer measuring 1 3/4" with a 3/4" hole in center. Surface Collection 41-46N.

19834- Unembossed, cuprous metal flush sash lift fragment. Surface Collection 41-46N.

19837- Rimlock part. Surface Collection 41-46N.

19840- Flat glass:
1 .123 .124 .123
2 .103 .114 .115
3 .068 .070 .071
4 .079 .080 .079
5 .097 .098 .098
Surface Collection 41-46N.

19849- Cut nails: 20d- 11, 8d- 100, 4d- 19, 3d- 2, 2d- 5, incomplete- 350. Surface Collection 49-58.5N.

19850- Wire nails: 16d- 2, 10d- 7, 8d- 5, 8d finishing- 3, 7d- 2, 6d- 3, 6d finishing- 1, 4d finishing- 1, 3d- 1, carpet tack- 1. Surface Collection 49-58.5N.

19851- Ferrous metal wood screws: 1" with 14-pitch threading- 1, 7/8" with 14-pitch threading- 1, incomplete with 12-pitch threading- 1. Surface Collection 49-58.5N.

19856- Incomplete (unthreaded) homemade nut measuring about 7/8" square. The central hole measures 5/16". Surface Collection 49-58.5N

19879- Seven bits of white plaster. Surface Collection 49-58.5N.

19884- Flat glass:

1	.112	.116	.113
2	.086	.088	.088
3	.111	.112	.112
4	.097	.099	.100
5	.126	.127	.118
6	.079	.079	.078
7	.089	.088	.087
8	.123	.125	.127
9	.097	.098	.097
10	.078	.080	.082
11	.090	.091	.091
12	.103	.103	.103
13	.094	.095	.095
14	.096	.098	.098
15	.090	.090	.090
16	.076	.076	.078
17	.131	.130	.130
18	.079	.077	.077
19	.113	.112	.111
20	.097	.098	.098
21	.089	.090	.091
22	.116	.117	.115
23	.084	.084	.084
24	.079	.080	.080
25	.126	.126	.122
26	.120	.120	.119
27	.111	.113	.110
28	.090	.089	.088
29	.082	.081	.081
30	.122	.125	.129
31	.097	.093	.089
32	.098	.098	.097

33 .084 .083 .082
34 .096 .096 .095
35 .094 .095 .096
36 .106 .106 .107
37 .122 .122 .122
38 .099 .099 .099
39 .083 .081 .079
40 .089 .091 .091
41 .084 .085 .086
42 .077 .076 .075
43 .098 .097 .098
44 .082 .083 .084
45 .109 .110 .111
46 .077 .076 .075
47 .097 .097 .095
48 .090 .091 .091
49 .071 .071 .071
50 .097 .099 .100
51 .083 .084 .084
52 .085 .086 .086
53 .093 .094 .095
54 .094 .094 .094
55 .093 .092 .092
56 .080 .080 .081
57 .093 .093 .093
58 .094 .094 .094
59 .114 .114 .113
60 .077 .078 .077
61 .074 .074 .074
62 .089 .089 .090
63 .095 .095 .096
64 .096 .097 .097
65 .077 .077 .077
66 .076 .076 .076
67 .117 .118 .118
68 .078 .079 .080
69 .093 .091 .091
70 .068 .067 .066
71 .087 .087 .087
72 .079 .079 .079
73 .105 .104 .103
74 .093 .096 .101
75 .128 .128 .129
76 .091 .091 .091

77 .079 .080 .081
78 .117 .116 .116
79 .070 .067 .066
80 .098 .098 .099
81 .096 .096 .096
82 .083 .083 .082
83 .105 .105 .104
84 .062 .061 .061
85 .088 .088 .087
86 .102 .101 .101
87 .094 .094 .093
88 .106 .105 .103
89 .104 .106 .107
90 .101 .121 .103
91 .080 .080 .080
92 .077 .077 .076
93 .114 .114 .114
94 .079 .078 .078
95 .101 .101 .101
96 .073 .074 .074
97 .093 .094 .094
98 .065 .068 .072
99 .094 .095 .094
100 .079 .081 .079
101 .097 .098 .098
102 .075 .076 .075
103 .098 .097 .097
104 .066 .066 .067
105 .077 .077 .077
106 .108 .113 .114
107 .092 .092 .092
108 .109 .108 .108
109 .114 .115 .114
110 .093 .093 .094
111 .081 .080 .079
112 .092 .092 .093
113 .106 .106 .106
114 .096 .095 .095
115 .072 .071 .070
116 .097 .097 .096
117 .073 .073 .073
118 .054 .055 .054

Surface Collection 49-58.5N.

19905- Ferrous metal doorknob shank. Surface Collection 61-64.15N.

19907- White porcelain doorknob, complete but broken. The knob and shank No. 19905 above are part of the same artifact. Surface Collection 61-64.15N.

19913- Cut nails: 20d- 3, 16d- 1, 10d- 13, 8d- 13, 6d- 2, incomplete- 52. Surface Collection 61-64.15N.

19915- Incomplete strap hinge. Surface Collection 61-64.15N.

19926- Flat glass:

1 .075 .075 .072
2 .069 .071 .072
3 .081 .082 .083
4 .070 .069 .072
5 .073 .072 .074
6 .107 .106 .104
7 .119 .118 .117
8 .074 .074 .074
9 .119 .119 .118
10 .094 .096 .097
11 .081 .078 .077
12 .071 .072 .073
13 .072 .072 .071
14 .107 .107 .107

Surface Collection 61-64.15N.

19937- Short length of wooden molding measuring 1" in width. A shallow groove is milled along each border. Four nail holes are evident. Surface Collection 61-64.15N.

19944- Cut nails: 6" spike- 1, incomplete- 1. Surface Collection 63.1N 1.8E.

19945- Flat glass:

1 .084 .085 .088

Surface Collection 63.1N 1.8E.

19946- Cut nail: 10d- 1. N. End Mess Room 65-74.6 Meters.

19947- Cut(?) nails: incomplete- 3. N. End Mess Room 65-74.6 Meters.

19948- Cut nails: 4d- 1, incomplete- 3. Wire nails: 3d- 1. N. End Mess Room 65-74.6 Meters.

19956- Oxidized thin ferrous metal sheeting fragments. May have been roofing material.
N. End Mess Room 65-74.6 Meters.

19961- Flat glass:

1 .078 .077 .077

2 .098 .097 .097

3 .098 .098 .097

4 .088 .089 .088

N. End Mess Room 65-74.6 Meters.

19968- Wood fragment with coat of white paint under sky blue paint. N. End Mess Room
65-74.6 Meters.

19970- Paper scrap with glazier's putty adhering to it. N. End Mess Room 65-74.6 Meters.

19986- Cut nails: 12d- 22, 10d- 105, 8d- 40, 6d- 4, 4d- 10, 2d- 1, incomplete- 430. Wire
nails: 8d- 1. Carpet tack: 1/2"- 1. Carriage bolt: 3"- 1. Surface Collection 65-74.6N.

19987- Wire nails: 8d- 1, 8d finishing- 1, 6d- 2, 3d- 1, 2d- 2, incomplete 1. Surface
Collection 65-74.6N.

19988- Cut nails: 10d- 3. Surface Collection 65-74.6N.

19989- Wood screws: 3/4" cuprous with 18-pitch threading- 1, 2 3/4" with 9-pitch threading-
1. Included under this catalog number are 5 stove bolts with nuts and 16-pitch threading.
The heads of all 5 have been cut off. Also included under this number is a 7 1/2" carriage
bolt with 12-pitch threading, a 2 1/2" rivet and a 1 1/4" rivet. Surface Collection 65-74.6N.

20000- Rimlock striker and a fragment of the rimlock case which accommodated the door-
knob shaft. Surface Collection 65-74.6N.

20014- Flat glass:

1 .084 .083 .082

Surface Collection 65-74.6N.

20015- Flat glass:

1 .086 .086 .086

2 .087 .087 .087

3 .085 .089 .086

4 .087 .087 .086

Surface Collection 65-74.6N.

20033- Mineral door knob fragment. Surface Collection 65-74.6N.

- 20035- Four bits of lime mortar. Surface Collection 65-74.6N.
- 20059- 4 pieces of pipe hanging tape, 1" in width. N. End Mess Room 65-79.6 Meters.
- 20076- Flat glass:
1 .097 .098 .100
72-73N 1-2E Surface.
- 20077- Limecrete. One surface finished and whitewashed. Opposite surface appears to bear a lath impression. 72-73N 1-2E Surface.
- 20107- Cut nails: incomplete- 6. Surface Collection 77.7-82.12N.
- 20108- Two fencing staples. Badly rusted. Surface Collection 77.7-82.12N.
- 20109- Headless bolt with nut. Advanced state of oxidation. Surface Collection 77.7-82.12N.
- 20110- Lock washer measuring 3/4". Surface Collection 77.7-82.12N.
- 20111- Roofing disk. Surface Collection 77.7-82.12N.
- 20113- Complete 4" ferrous metal gate hook. The 1894-95 Montgomery Ward catalog (Montgomery Ward & Co. 1970:366) illustrates such a hook, and offers the 4" size with eye for 15 cents per dozen. Surface Collection 77.7-82.12N.
- 20118- Doorknob shank. Surface Collection 77.7-82.12N.
- 20130- One snippet of copper flashing. Surface Collection 77.7-82.12N.
- 20137- Incomplete mineral doorknob. Surface Collection 77.7-82.12N.
- 20160- Cut nails: 30d- 1, 20d- 4, 12d- 2, 10d- 6, 8d- 8, incomplete- 1. Surface Collection 77.7-82.13N.
- 20161- Wire nails: 30d- 1, 20d- 1, incomplete- 1. Surface Collection 77.7-82.13N.
- 20162- Wood Screw: incomplete- 1. Threads missing. Surface Collection 77.7-82.13N.
- 20163- Carriage bolt: incomplete- 1. Threads missing. Surface Collection 77.7-82.13N.
- 20181- Ferrous metal rod measuring 5/8" x 15 3/4". One end was cut with bolt cutters while the other end exhibits 1" of 11-pitch threading. This *may* have been part of a structural turnbuckle. Surface Collection 77.7-82.13N.

20187- Flat glass:

1 .087 .087 .086

2 .102 .100 .091

3 .093 .094 .095

4 .094 .099 .101

5 .091 .092 .092

Surface Collection 77.7-82.13N.

20205- Incomplete mineral doorknob. Surface Collection 81N 2.9E.

20210- Wire nail: 3d- 1. Test Unit A 82-83S 0-1W 50-60 cmbs.

20214- Flat glass:

1 .081 .081 .081

2 .065 .066 .066

TU-E 31-32S 6-7W Level 4 30-40 cmbs.

20216- 18, 20- Cut nails: 20d- 1, 12d- 1, 10d- 6, 6d- 2, 4d- 19, 3d- 6, incomplete- 29. Wire nails: 20d- 1, 16d- 1, 10d- 1, 8d- 2, 6d- 3, 6d (finishing)- 1, 5d- 1, 4d- 1, 3d- 2, roofing- 1, incomplete- 1. Horseshoe nails: No. 8- 1. 23.3-25.8 Meters Outside W. Wall.

20219- Wire nails: 8d- 1, 7d- 1, 3d- 1. TU-1 58-59S 0-2W.

20221- Ferrous metal boat spikes: 5"- 1, 3 1/2"- 1. 23.3-25.8 Meters Outside W. Wall.

20222- Ferrous metal wood screws: 1 3/4" flat head, 10-pitch- 1, 1 1/2" flat head, 10-pitch- 1, 3/4" round head, 16-pitch- 1. 23.3- 25.8 Meters Outside W. Wall.

20223- Fencing staples: 1 1/2"- 2. 22.3-25.8 Meters Outside W. Wall.

20224- Ferrous metal conduit hanger. TU-1 58-59S 0-2W.

20227- Ferrous metal washer measuring 19/32" o.d. and 1/4" i.d. 23.3-25.8 Meters Outside W. Wall.

20244- Incomplete, spring-loaded, self-closing, screen door hinge. 23.3-25.8 Meters Outside W. Wall.

20261- Flat glass:

1 .095 .093 .093

2 .081 .081 .082

3 .097 .097 .098

4 .089 .089 .088

5 .068 .068 .066

6 .086 .085 .084
7 .111 .111 .110
8 .067 .069 .069
9 .076 .076 .077
10 .072 .073 .072
11 .084 .084 .084
12 .087 .087 .087
13 .129 .130 .130
14 .103 .102 .100
15 .078 .078 .076
16 .080 .080 .079
17 .096 .096 .096
18 .071 .072 .071
19 .082 .082 .082
20 .063 .063 .063
21 .087 .087 .087
22 .076 .076 .076
23 .104 .102 .100
24 .097 .097 .099
25 .107 .107 .105
26 .119 .120 .120
27 .081 .081 .081
28 .102 .101 .100
29 .058 .062 .058
30 .094 .094 .094
31 .079 .081 .081
32 .102 .103 .102
33 .069 .069 .067
34 .090 .090 .090
35 .096 .097 .098
36 .112 .113 .111
37 .097 .098 .100
38 .101 .103 .105
39 .071 .072 .071
40 .072 .072 .072
41 .078 .077 .075
42 .073 .074 .074
43 .082 .082 .082
44 .071 .071 .071
45 .079 .080 .080
46 .083 .082 .082
47 .077 .077 .076
48 .087 .087 .087
49 .102 .101 .100

50 .100 .100 .098
51 .084 .086 .087
52 .089 .089 .090
53 .080 .080 .081
54 .069 .069 .068
55 .088 .088 .088
56 .086 .086 .086
57 .100 .102 .102
58 .096 .095 .094
59 .080 .080 .080
60 .066 .068 .069
61 .078 .079 .076
62 .082 .081 .081
63 .100 .104 .105
64 .091 .091 .091
65 .074 .075 .075
66 .095 .093 .091
67 .097 .098 .099
68 .081 .081 .081
69 .068 .068 .068
70 .073 .072 .071
71 .070 .070 .069
72 .092 .093 .093
73 .074 .075 .075
74 .087 .087 .087
75 .081 .081 .081
76 .075 .075 .074
77 .065 .066 .067
78 .092 .092 .092
79 .088 .089 .090
80 .065 .067 .063
81 .066 .068 .066
82 .090 .090 .090
83 .064 .064 .062
84 .090 .090 .090
85 .080 .080 .080
86 .080 .081 .081
87 .075 .076 .075
88 .095 .095 .096
89 .073 .073 .073
90 .077 .077 .079
91 .065 .066 .067
92 .072 .072 .073
93 .077 .077 .077

94 .080 .080 .080
95 .103 .103 .104
96 .090 .090 .090
97 .129 .132 .133
98 .087 .087 .086
99 .152 .152 .152
100 .083 .083 .083
101 .065 .066 .066
102 .072 .073 .073
103 .079 .079 .079
104 .081 .082 .082
105 .094 .094 .095
106 .098 .097 .095
107 .078 .078 .078
108 .072 .072 .072
109 .063 .063 .063
110 .087 .087 .087
111 .087 .087 .087
112 .076 .077 .077
113 .081 .081 .081
114 .086 .087 .086
115 .086 .087 .086
116 .067 .066 .065
117 .072 .075 .072
118 .123 .123 .122

23.3-25.8 Meters Outside W. Wall.

20266- Flat glass:

1 .082 .081 .081
2 .085 .087 .088
3 .073 .073 .072
4 .084 .085 .085
5 .100 .101 .101
6 .098 .099 .101
7 .075 .075 .075
8 .072 .073 .073
9 .079 .081 .080
10 .058 .059 .059
11 .070 .071 .070
12 .092 .092 .092
13 .087 .087 .086
14 .079 .080 .079
15 .065 .066 .066

TU-I 58-59S 0-2W.

- 20275- Glazier's putty. 23.3-25.8 Meters Outside W. Wall.
- 20277- Lime mortar. 23.3-25.8 Meters Outside W. Wall.
- 20289-90- Wire nails: 60d- 1, 40d- 1. Provenience Unknown. Cut nail: 20d- 1. Provenience unknown.
- 20292- 3 1/2" carriage bolt with 3/4" of 16-pitch threading. The bolt is complete with nut and washer.
- 20310- Conduit hanger with remnants of galvanized finish extant. Sewer Trench. Provenience unknown.
- 20339- Lead flashing. Surface 9'-6" From NW Corner E 74'.
- 20345- Ferrous metal rimlock strike. Surface 9'-6" From NW Corner E 74'.
- 20350- Sash fastener (?) fragment with 1" flathead wood screw (16-pitch threading) still extant. Ferrous metal. Surface 9'-6" From NW Corner E 74'.
- 20354- Badly oxidized stove bolt. Surface 9'-6" From NW Corner E 74'.
- 20355- Wire nails: 40d- 1, 30d- 2. Surface 9'-6" from NW Corner E 74'.
- 20356- Cut nails: 30d- 1, 20d- 12, 16d- 3, 12d- 7, 10d- 1, 8d- 2. Surface 9'-6" From NW Corner E 74'.
- 20357- Wire nail: 16d- 1. A bit of red flagging is tied under the head. Surface 9'-6" From NW Corner E 74'.
- 20359- Staples: round wire, 4" long; flattened forged staple about 3" long. Surface 9'-6" From NW Corner E 74'.
- 20360- 5 3/8" spike worked from a carriage bolt. Surface 9'-6" From NW Corner E 74'.
- 20384- Flat glass:
- | | | | |
|---|------|------|------|
| 1 | .095 | .087 | .077 |
| 2 | .095 | .102 | .097 |
| 3 | .090 | .092 | .091 |
| 4 | .079 | .078 | .074 |
| 5 | .070 | .070 | .071 |
| 6 | .097 | .095 | .094 |
| 7 | .112 | .112 | .112 |
| 8 | .100 | .104 | .108 |

9 .093 .094 .093
10 .092 .092 .093
11 .109 .108 .108
Surface 9'-6" From NW Corner E 74'.

20397- Lime plaster. Surface 9'-6" From NW Corner E 74'.

20399- Double-action spring hinge for screen door (Sears, Roebuck & Co. 1969:542).
Leach Line Trench South End 16-46W.

20405- Ferrous sheet metal scrap and square wire which may have been discards from
gutter construction. 16'-46' South End of Barracks.

20415- Buff colored brick fragment. Leach Line Trench South End 16'-46'.

20424- Large, complete, ferrous metal strap hinge. Sewer Trench North Side 22-255W.

20442- 2 pieces of lead flashing measuring 3 3/8" in width and .028" in thickness. Sewer
Trench North Side 22-255W.

20466- Flat glass:

1 .084 .083 .085
2 .087 .088 .087
3 .088 .085 .084
4 .123 .122 .120
5 .074 .076 .079
6 .091 .093 .096
7 .086 .086 .085
8 .098 .100 .102
9 .094 .096 .094
10 .100 .102 .106
11 .095 .097 .097
12 .122 .114 .118
13 .084 .084 .084
14 .090 .091 .093
15 .096 .095 .094
16 .073 .074 .077
17 .078 .078 .076
18 .077 .075 .074
19 .069 .069 .070
20 .114 .112 .110
21 .124 .123 .121

Sewer Trench North Side 22-255W.

Horse Tack/Animal Husbandry Tools

17123- Harness leather fragment. Hole in one end. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17145- Harness making scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

17164- Two cuprous metal rivet burrs. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17182- Leather keeper fashioned to accept a 2" wide strap. It is secured by two cuprous metal rivets. The leather from which this artifact was made had been used previously for another purpose. One end has uneven perforations with remnants of thread; so it was once sewn to something else. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17192- Cuprous metal burr. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17273- Wide leather harness scrap (2 3/8") cut to accommodate a double tongued buckle. 2 pieces of bridle strap about 1/2" wide with sewing perforations along both margins. Other bits of leather which *may* be harness scraps. TU-12 31-32N 1-2E Level 1 0-10 cmbs.

17334- Re-utilized harness leather strap measuring 1 3/16" wide. The strap has been lapped and secured with cuprous metal rivets. Seven previously punched holes are evident on the strap. The strap has been completely cut through, perhaps sometime after it had been riveted. TU-15 Level 1 0-10 cmbs.

17374- Cuprous metal rivet. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

18050-18051- Two each cuprous metal rivets. One of these is incomplete with attached burr. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18053- One complete cuprous rivet and 1 incomplete cuprous rivet with burr attached. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18061- Ferrous metal buckle tongue which *may* have been part of a tack buckle. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18072- One piece ferrous metal "sure foot" or "neverslip" type horseshoe screw calk measuring 1 1/8" in length. One end is cone shaped (with a rounded apex) and measures 5/8". The opposite end, measuring 3/8" in length with a 3/8" diameter, is threaded 16-pitch. Separating the two ends just described is a 1/2" square "collar" measuring 1/8" thick. The side of the collar adjoining the threaded end is beveled to fit into a countersunk hole. There is a similar calk illustrated in the 1927 Sears catalog (Sears, Roebuck & Co. 1970:993). Six different removable screw calk configurations are depicted in the reprint of the 1909 edition of the Geo. Worthington Co. hardware catalog (Spivey 1979:174). TU-C 62-63S 0-1W Level 1 0-10 cmbs.

- 18194- Ferrous metal buckle (bridle) fashioned to accept a 1/2" strap. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.
- 18219- Horseshoe nail: incomplete- 1. TU-D Outside 37-38S 2-3W Level 3 20-30 cmbs.
- 18379- One cuprous metal rivet. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18398- Cuprous metal buckle frame measuring 1 1/2" x 1 5/8". TU-G 54-55S 0-1W Level 3 20-30 cmbs.
- 18423- One cuprous metal rivet with burr. TU-G 54-55S 0-1W Level 4 30-40 cmbs.
- 18443- Cuprous metal harness rivet and burr. TU-6 54-55S 0-1W Level 7 60-70 cmbs.
- 18444- Cast ferrous metal harness (bridle?) check loop (strap keeper) designed to accept a 3/4" strap. TU-6 54-55S 0-1W Level 7 60-70 cmbs.
- 18556- Hame fragment. Surface Feature 1 27.4-28.7N 1.9-3.4E.
- 18573- Eight pieces of heavy harness leather scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18629- Nine bits of heavy harness leather scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18630- Leather strap fragment with 2 ferrous metal rivets. The strap has a tooled line just inside each margin along its long axis. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18631- Leather bucket or feed bag held together with ferrous metal rivets. The bucket presently measures about 7" in diameter with a height of 5 1/2". The artifact appears to have been made of recycled leather, since it exhibits a double line of stitching perforations near the top margin. There is one rivet and the hole for at least one more situated between the lines of stitching holes which may have secured a strap handle/bail. The strap fragment above (No. 18630) may have originally been a part of this artifact. Feature 1 Level 2 25-45 cmbs.
- 18637- Two incomplete ferrous metal harness rings. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18638- Pole cap for light-duty horse-drawn vehicle such as a buggy. It is of ferrous metal and still has the remnants of one attachment rivet.
- 18641- Incomplete ferrous metal harness snap. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

- 18645- Three cuprous rivet burrs. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18662- Incomplete hook hame. The 1895 Wards catalog (Montgomery Ward & Co. 1969:326) provides 2 good illustrations of a hook hame such as this. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18689- One bag of thick leather scraps which *may* have resulted from harness repairs. Included in this bag is 1 piece of thin leather with machine-sewn holes along one edge. It may have been scrap from footwear repair. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18693- Five cuprous metal rivets and 6 cuprous metal burrs (2 of those have incomplete rivets still attached). Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18695- Cuprous metal hog ring. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18703- Rivet and incomplete harness buckle of ferrous metal. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.
- 18707- Ferrous metal rivet and burr. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18708- Cuprous metal rivet and an unattached cuprous metal burr made for a smaller rivet. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18721- One piece of harness leather measuring 1 1/8" in width. The strap has been doubled over another piece of the same width and secured by 2 cuprous rivets. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.
- 18749- One horseshoe nail. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18755- Two cuprous metal rivets and 2 unattached cuprous metal burrs. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18758- Ferrous metal harness ring measuring 2 1/8" outside diameter. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18759- Unembossed, convexo-concave, cuprous metal bridle rosette(?) measuring 1 27/32" in diameter with a 3/16" hole in the center. The stock from which this artifact was made measures about .350". It is quite possible that this artifact was *not* a rosette, but a washer from the inside crown of an 1881 style helmet. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.
- 18782- Harness strap fragment measuring 1 1/8" in width with 3 punch holes to accommodate the buckle tongue. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18785- Natural sponge fragments impregnated with a black substance (leather blacking sponge). Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18807- One cuprous metal harness rivet. 1 ferrous metal rivet. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18810- Cuprous metal harness buckle with remnants of the leather strap still attached. The buckle measures 1 1/16" x 13/16". Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18859- Four cuprous metal rivets one of which still has an attached burr. 1 unattached burr. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18874- Three harness buckles measuring 2 1/2" x 1 3/4". 1 of the 3 still has a fragment of the harness leather secured to it with a cuprous rivet. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18875- Ferrous metal harness buckle measuring 1 1/4" x 1". Feature 1 27.4-28.7N Level 8 125-145 cmbs.

18876- Ferrous metal harness ring measuring 2 1/4" in diameter. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18885- Harness strap measuring about 15/16" in width. It is composed of three pieces of leather secured with a cuprous rivet. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18903- Harness buckle of ferrous metal measuring 2" in height and 2 1/2" in width. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

18909- Scrap of harness leather with cuprous rivets. 19.5N 2.2E Surface.

18912- Natural sponge laden with a lamp black like material. This sponge may have been used to apply harness oil blacking or blacking for other leather goods such as footwear. Both Armstrong (1895:395) and Telleen (1977:226) suggest the use of sponges for blacking harness. Natural sponges *may* have been used to apply shoe blacking as well. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

19037- One horseshoe nail. Collection Unit 30-31N 6-7E Surface.

19086- Cuprous metal rivet. Collection Unit 32-33N 6-7E Surface.

19169- Two scraps of harness leather. Collection Unit 34-35N 5-6E Surface.

19348- Horseshoe nail. Surface Collection 1-2N East Wall.

- 19364- Leather keeper for a bridle strap. Surface Collection 1-6.5N West Wall.
- 19394- Two incomplete horseshoe nails. Surface Collection 6.5-10.5N.
- 19450- Two incomplete horseshoe nails. Surface Collection 16-21.9N.
- 19453- Two cuprous rivets. One of these rivets has a circular design consisting of 8 lines in low relief radiating from a flush hub. Surface Collection 16-21.9N.
- 19496- Harness buckle measuring 1 1/4", and another measuring 2". Both were made of ferrous metal. S. End Mess Room 19-21.9 Meters.
- 19507- Ferrous rivets- 19. Cuprous rivets- 2. Surface Collection S. End Mess Room 16-21.9 Meters.
- 19518- Horse bit, incomplete. S. End Mess Room 16-21.9 Meters.
- 19535- Harness leather fragment. S. End Mess Room 16-21.9 Meters.
- 19536- Two pieces of 3/4" harness leather. They appear to be from two different artifacts. S. End Mess Room 19-21.9 Meters.
- 19659- Short length of harness leather measuring 7/8" in width. One end exhibits a cutout to accommodate a buckle tongue. There are two other leather scraps under this catalog number which may have been harness leather. Surface Collection 22.3-25.8N.
- 19669- Brow band for horse halter. Each end of the band has a circular hole and slit to accommodate an attachment button. Similar halters (No. 1327 and No. 1329) are illustrated in the 1892 Moseman catalog (C. M. Moseman & Brother 1985:35). Surface Collection 23.12N 3.0E.
- 19696- One cuprous metal rivet and 3 cuprous metal rivet burrs. 25N 5.9E Surface.
- 19725- Five cuprous metal rivet burrs. S. End Saddlery 29.3- 34.5 Meters.
- 19741- Quantity of leather scrap. About 1/3 of it seems to have been generated through modification of existing harness and other horse tack. S. End Saddlery 29.3-34.5 Meters.
- 19744- One ferrous metal burr. Surface Collection 29.3-34.5N.
- 19752- Twenty-five cuprous metal rivets and/or burrs. Surface Collection 29.3-34.5N.
- 19762- Eight small pieces of harness leather. 1 piece exhibits 3 cuprous rivets. Surface Collection 29.3-34.5N.

19763- Two bits of leather punch waste. One of these is solid, indicating that a new hole to accommodate a buckle tongue was punched, while the other has a hole in the center, indicating that a previously made hole was enlarged. Surface Collection 29.3-34.5N.

19764- One bag of leather scrap which appears to have been waste generated in harness fabrication or modification. Surface Collection 29.3-34.5N.

19771- Leather strap measuring about 3/4" wide and 3" in length. Each end has a hole cut to accommodate a button. This may have been part of a harness strap which was cut off. Surface Collection 31.15N 2.25E.

19772- One piece of harness leather scrap. Surface Collection 31.35N 2.60E.

19785- Three pieces of harness leather scrap. Surface Collection 32.15N 0.85E.

19788- Harness "D" ring. Surface Collection 33-35N 0 3.5E.

19792- Ten pieces of harness strap leather. Surface Collection 33-35N 0-3.5E.

19793- Eleven pieces of harness leather. Surface Collection 33-35N 0-3.5E.

19853- One cuprous metal rivet. Surface Collection 49-58.5N.

19854- Two cuprous metal burrs. Surface Collection 49-58.5N.

19867- Large, incomplete ferrous metal (harness maker's?) needle. Surface Collection 49-58.5N

19871- Ox shoe. Surface Collection 49-58.5N.

19902- Three pieces of leather harness strap. One of these has had the buckle cut off after having been secured with a cuprous washer and burr. Surface Collection 49-58.5N.

19909- One piece of harness strap perforated to accept buckle tongue. Surface Collection 61-64.15N.

19916- Calkless horse shoe fashioned for a front hoof. Two nails remain in the shoe. No wear is evident. Surface Collection 61-64.15N

19939- One piece of harness strap with 3 perforations to accept buckle tongue. Surface Collection 61-64.15N.

19983- Braided leather knot similar to the decorative finial on the "Western Mule Skinner" whip illustrated in the 1902 Sears catalog (Sears, Roebuck & Co. 1969:418). N. End Mess Room 65-74.6 Meters.

19997- Calkless horse shoe for rear hoof. Surface Collection 65-74.6N.

20003- Ferrous metal bridle buckle. Surface Collection 65-74.6N.

20044- Bag of leather scrap, most of which seems to have resulted from harness making or modification. Surface Collection 65-74.6N.

20045- Harness leather scrap. Surface Collection 65-74.6N.

20046- Two leather keepers (harness). Surface Collection 65-74.6N.

20066- Length of bridle leather with irregularly spaced, punched holes. The strap measures 5/8" in width. N. End Mess Room 65- 79.6 Meters.

20120- Three ferrous metal harness buckles. Surface Collection 77.7-82.12N

20125- Cuprous metal rivet and burr. Surface Collection 77.7-82.12N.

20126- Cuprous metal harness ring measuring 1 1/2" in diameter. Surface Collection 77.7-82.12N.

20128- Cast lead disk with a central, divided hole. The disk measures 1 1/8" in diameter. The diameter of the hole is 3/8". The numeral "44" is embossed along one margin. The disk *may* have been the weighted back for a bridle rosette with the divided hole used in attachment. Surface Collection 77.7-82.12N.

20131- Calkless horseshoe for front hoof. Toe exhibits considerable wear. Surface Collection 77.7-82.12N.

20200- Harness strap keeper. Surface Collection 77.7-82.13N.

20225- Cuprous metal burr. TU-1 58-59S 0-2W.

20226- Two cuprous metal rivet burrs. 23.3-25.8 Meters Outside W. Wall.

20247- Ferrous metal harness buckle fashioned to accommodate a 2" strap. 22.3-25.8 Meters Outside W. Wall.

20254- Wagon hub band(?). Measures about 1 1/2" wide, 1/8" thick and 4 3/4" in diameter. 23.3-25.8 Meters Outside W. Wall.

20301- Calkless horseshoe made for a front hoof. The leading edge is badly worn. Sewer Trench. Provenience Unknown.

20336- Cuprous metal buckle frame made of 5-gage wire. Harness hardware. Sewer Trench. Provenience unknown.

20348- Whiffletree center clip with ring. Surface 9'-6" From NW Corner E 74'.

20351- Ferrous metal harness ring measuring 3 1/4" outside diameter. Surface 9'-6" From NW Corner E 74'.

20406- Foundry stock scrap measuring 1/2" x 1 7/8" x 8 3/8". Both ends were hot cut. Scrap from wagon tire fabrication. 16'-46' South End of Barracks.

20426- Two horseshoes for front hooves. These shoes were made for 2 different animals. Neither has calks. Sewer Trench North Side 22-255W.

20432- Cuprous metal buckle frame made from 5-gage wire. Measures 1 3/4" x 1 1/2". Unprovenienced.

20495- Short piece of harness leather measuring about 1 5/8" in width with a hole punched in one end. The other end exhibits stitching holes (in a "U" shape) which originally secured a buckle strap. Provenience Unknown.

Motor Transport/Machinery

17110- Cuprous metal rivet and burr. Bits of a textile belt (partially burned) still adhere. The rivet and rove spanned a width of 3/8". This rivet was part of a power transfer belt used to drive a variety of farm machines. TU-4 17-18N 2-3E Level 1 0-10 cmbs.

17133- Three links of "ladder" chain—power transmission chain used on a variety of farm equipment. TU 5 19-20N 1-2E Level 1 0-10 cmbs.

17163- Brass backplate from a ca. 1920s water-cooled automotive temperature gauge. It is embossed "Boyce/Moto Meter/Midget Model/Patented/The Moto Meter Co Inc Long Island City NY USA." An illustration of the Midget Moto Meter can be found in the 1922-23 Wards catalog (Montgomery Ward & Co. 1969b:571). TU-6 22-23N 0-1E 0-10 cmbs.

18506- Ferrous metal gasket (circular) measuring 3/8" inside diameter. TU-H 18-19S 0-1E Level 1.

18530- Cuprous metal screw cap with a milled perimeter. Outside diameter is 29/32". The inside diameter is 3/4". The cap is lined with virgin cork and exhibits 26-pitch metal to metal threading. Oil filler cap(?). TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.

18554- Grained imitation leather with a 2 and 2 twill woven textile backing. This fabric is similar to those used for early automotive and buggy tops. Surface Feature 1 27.4-28.4N 1.9-3.4E.

18634- Cuprous metal can spout for decanting flammable liquids such as gasoline(?). The spout measures about 1 1/8" in diameter and is approximately 2 1/4" high. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18636- Cable or rope eye measuring 3 3/4" x 2 3/8" (widest part). The "eye" was made to accommodate a 3/4" line. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18639- Ferrous metal rod with a pivot hole. Measuring from the pivot hole the shorter portion of the rod measures 4" (tipped with a small knob), and the longer portion measures 6". Both portions of the rod taper down from the pivot hole. This may have been a pressure regulating valve lever from a supply reservoir. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18681- Three bits of black, imitation leather with woven textile impressions on the reverse. See catalog No. 535 above. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18717- Incomplete white over cuprous metal automotive light bulb base measuring 9/16" in diameter and 5/8" high. The body was stamped "EVEREADY/MAZDA/ G O." There is a low circular stud near the "heel." The bulb was pushed into the spring loaded socket and turned to engage the stud in a slot. Such a design minimized the loss of electrical contact through shock or vibration. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

19049- Cuprous metal ring gasket. A shallow groove (slightly offset) on one side suggests previous use. TU-14 31-32N 6-7E 0-3 cmbs.

19087- Galvanized lock washer measuring 1/2" in diameter. Collection Unit 32-33N 6-7E Surface.

19315- Automotive fuse, 15 ampere. 39-40.5N 1-2E Dust Zone 0-3 cmbs.

19494- Positive spiral jaw clutch. It is internally threaded to accept a 3/4" drive shaft (14-pitch threads) (Smith 1929). Low speed farm machinery. S. End Mess Room 16-21.9 Meters.

19497- Hook chain- 5 links (Smith 1929). Low speed power transmission chain used on horse-drawn or petro-carbon powered farm machinery such as manure spreader. Illustrated

in 1908 Sears catalog (Sears, Roebuck & Co. 1969:542-543). S. End Mess Room 16-21.9 Meters.

19515- Ferrous metal screw cap fragment with a 1/2" skirt. Fuel can closure(?). Diameter not determined. S. End Mess Room 16-21.9 Meters.

19534- Rubber power transmission belting with woven textile reinforced center. S. End Mess Room 16-21.9 Meters.

19567- Ferrous metal fuel line(?) tubing measuring about 1/4" outside diameter. One end is flattened. S. End Day Room 22.3-25.8 Meters.

19666- Wooden handle measuring 1/2" in diameter and 3" in length. It exhibits a 1/4" hole drilled in the center. The handle is similar to those used with a rope starter for a small gasoline engine. It was originally painted red. Surface Collection 22.9N 0.8E.

19728- Two hook chain link fragments (power transmission). S. End Saddlery 29.3-34.5N.

19746- Ferrous metal chain link measuring 1 7/16". Surface Collection 29.3-34.5N.

19787- Half of a chain link. Surface Collection 33-35N 0-3.5E.

19820- Industrial belting measuring 64 1/2" long, 3/4" wide and 1/4" thick. It is made of 4 layers of rubber impregnated textile. Color is off-white. A 14 1/2" leather extension is attached to the belt with 3 cuprous rivets. Each end of the belt is perforated for joining. 38.0N 3.7E Surface.

19960- Colorless glass tubing, measuring about 1/4" o.d. and 1 3/8" in length. Both ends have been fire polished. This may have been part of an automotive fuse. N. End Mess Room 65-74.6 Meters.

19978- Rubber-clad, plain weave textile. Exterior surfaces exhibit an off-white finish. About 1/4" thick. Power transmission belt(?). N. End Mess Room 65-74.5 Meters.

19998- Chain link measuring about 4 1/2" in length and 1 3/4" in width. The link has been cut. Surface Collection 65-74.6N.

20011- Zinc screw cap for a gasoline can. Surface Collection 65-74.6N.

20288- Clutch arm. Also included under this catalog number are a power take off cover from a tractor. Traces of John Deere green paint remain on this artifact. There is a bracket which *may* be an engine mount, a home made wrench, and an engine accessory cover (air filter, oil filter?) which has not been further identified. Sewer Trench. Provenience unknown.

20291- Rail spike. Provenience unknown.

20311- Brass terminal clamp complete with the ferrous metal tightening bolt for an automotive battery. Sewer Trench. Provenience unknown.

20346- Large bearing race measuring 2 7/8" in diameter and 1" in thickness to accommodate 3/4" bearings. Surface 9'-6" From NW Corner E 74'.

20358- Rail spike similar to those used to lay mining cart track. Surface 9'-6" From NW Corner E 74'.

20400- Rail spike measuring (overall) 3 3/4". Similar to those used to lay mining cart track. Surface 9'-6" From NW Corner E 74'.

20423- Ferrous metal element is transmission shift mechanism(?). Sewer Trench North Side 22-255W.

20465- Three pieces of glass tubing to view water level in boiler. Sewer Trench North Side 22-255W.

Sporting Equipment/Ammunition

17095- Expended .22 blank cartridges, 2 each. They are headstamped with a "V" within a triangle. The mark has not been identified. Two strikes each were required to detonate these blanks. TU-2 5-6N 6-7E Level 1 0-10 cmbs.

17137- Thirty-five expended large pistol or rifle primers. TU-5 19-20N 1-2E Level 1 0-10 cmbs.

17195- Brass base from a paper shotgun shell. The base is marked "REM-UMC/No 12/NITRO CLUB." According to Vinson (1968:91) "REM-UMC" appeared on headstamps from 1910 until ca. 1960. Although Nitro Club is an early brand (pre-1900), it appears to have continued in production until at least as late as 1936 when it appeared on a Remington-UMC price list. "REMINGTON-UMC" is embossed in low relief around the skirt of the base. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

17232- "Top hat" percussion cap. Expended. TU-9 31-32N 5-6E Level 1 0-20 cmbs.

17269- Three expended large pistol or rifle primers. TU-11 23-24E Level 1 0-10 cmbs.

17270- Gambling counter of brass measuring 13/16" in diameter. The perimeter (not the edge) of both obverse and reverse is stamped with a "milled design." The obverse is stamped "WILD." TU-11 23-24N 1-2E Level 1 0-10 cmbs.

17276- Expended .22 long cartridge case headstamped with an upper case "H" (not encircled)—the later style mark of the Winchester Repeating Arms Company (White and Munhall 1977:23). TU-12 31-32N 1-2E Level 1 0-10 cmbs.

17284- Expended .22 long headstamped with an upper-case "U." This was the mark used by the Union Metallic Cartridge Company from 1867 to 1911 and by Remington since that time (White and Munhall 1977:23). TU-15 34-35N 1-2E Surface.

17316- Thin pasteboard disk measuring .730" in diameter. The disk *may* have been part of a 12-gauge shotgun shell wad (12-gauge bore diameter is .729"). TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17317- Red paper shotgun shell basally marked "Peters/410-12mm." TU-18 47-48N 6-7E Level 1 0-10 cmbs.

17357- Expended centerfire cartridge headstamped "U.M.C./32 A.C.P." The round was designed by John Browning and introduced in Belgium 1899. It was first marketed in the United States in 1903. The .32 A.C.P. was well suited to small, low cost pistols (Barnes 1969:167). TU-A 82-83S 0-1W Level 2 10-20 cmbs.

18058- Expended .22 short cartridge. It is headstamped "US"—the mark of the United States Cartridge Company of Lowell, Mass., 1869-1936. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18110- Section from a fishing rod with 1 ferrous line guide still attached. 1 1/2" length of the rod is decorated with red and black bands adjacent to the line guide. The rod was fabricated from glass filaments most commonly referred to by the now generic trademark "Fiberglas." Fiberglas is listed in the New Words section of the Webster's Collegiate Dictionary, Fifth Edition (published in 1948)—an abridgement of the Webster's New International Dictionary, Second Edition. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18159- Expended .32 Smith & Wesson cartridge. According to Barnes (1969:168) the round was designed for the Smith & Wesson Model 1 1/2, a single action revolver which was introduced in 1878. A number of cheap, pocketable handguns chambered it. The cartridge is headstamped "U.S./32 S.& W." "U.S." is one of the marks of the United States Cartridge Company of Lowell, Mass. It was in business under that name from 1869 to 1936 (White and Munhall 1977:149).

18160- Poorly preserved .38 Long Colt cartridge. It is headstamped "W.C.CO./38 LONG." White and Munhall (1977:153) state that this is the old style commercial ammunition marking used by the Western Cartridge Company, East Alton, Ill. The use of the characters "W.C.CO." was discontinued about 1925. Barnes (1969:176) says that the .38 Long Colt was the official United States Army cartridge from 1892 to 1911. The cartridge was first introduced in 1875. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18161- Expended high brass 12-gauge shotgun shell base headstamped "REM-UMC/No 12/ARROW." Vinson (1968:91) states that Arrow was one of the early brand names marketed by Remington-UMC. The mark "REM-UMC" was used by the company ca. 1910-1960. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18283- Expended .22 long cartridge. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

18377- Firearm trigger. May have been fitted to a muzzle-loading shotgun originally. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18378- Expended .32 APC headstamped "U M C/.32 A. C. P." - pre-1911 (White and Munhall 1977:148). 2 expended .22 long rifle rimfire cartridges of which one is headstamped "U" and the other "H," for Union Metallic Cartridge Co. (or Remington UMC) and Winchester, respectively. 1 expended .22 short cartridge headstamped "US" (United States Cartridge Company). 1 incomplete .22 caliber marked "H" (Winchester). 1 base only, headstamped "U" (UMC, Remington UMC). TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18452- Two expended large pistol or rifle primers. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18505- Expended .22 short cartridge, headstamped "P"—Phoenix Metallic Cartridge Co., South Coventry, Connecticut, 1872-1888 (White and Munhall 1977:28). TU-H 18-19S 0-1E Level 1.

18568- Cuprous metal cylinder measuring 1/4" in diameter and 1 3/4" long. One end is closed and concave while the other is open and hollow down to a depth of 3/4". At that point a cuprous disk with a hole in the center serves as a stop. This *may* have been a male ferrule from a fishing rod. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-23 cmbs.

18715- One expended and 1 unfired .38 caliber centerfire cartridge. At the head the cartridges measure .386". The complete cartridge measures 1 5/8" in length. Neither is headstamped. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18767- Two expended .38 short(?) cartridges. See catalog No. 18812 below. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18812- Eight expended .38 short(?) cartridges that measure .387" at the head (Logan 1959:61) and 3/4" in length. All exhibit an off-center firing pin impression. They are not headstamped. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18862- Incomplete nickel-plated ferrous metal fishing rod ferrule with a securing pin still in place 1/8" from one end. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18865- Four expended and 2 unfired .38 short(?) cartridges. The expended cartridges exhibit an off-center firing pin impression. None are headstamped. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18866- Eighteen expended .38 short(?) cartridges. All exhibit off-center firing pin impressions. None are headstamped. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18867- Brass shotshell (measuring 2 5/8") headstamped "REMINGTON/10." Vinson (1968:96) states that the last of the metallic shotshells was fabricated in 1912. He goes on to say that Remington was making them at least as early as 1876. Although the Union Metallic Cartridge Co. absorbed Remington in 1888, Rem.-UMC did not appear on headstamps until 1910 (Vinson 1968:91). Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18925- Expended .32 Short Colt cartridge headstamped "REM UMC/32 SCF." According to Barnes (1969:168) this round was introduced by Colt in 1875 with the "New Line" revolver. He also stated that Colt was about the only company which used this cartridge to any extent in the United States. Feature 1 North Wall Profile.

19000- Expended .22 rimfire blank cartridge. It is headstamped in low relief with the letter "V" surrounded by an equilateral triangle. The mark has not been identified. Collection Unit 36 5-6N 6-7E Surface.

19107- Incomplete celluloid (when burned it is consumed quickly, and smells of cellulose) ping pong ball. Collection Unit 32-33N 6-7E Surface.

19292- .38 Colt short cartridge (Barnes 1969: 176). The .38 short rimfire was introduced ca. 1860 (Datig 1958:150). From dark gray-black deposit 150-151 cmbs. Feature 1 Level 9 145-165 cmbs.

19293- .38 Colt short cartridge (Barnes 1969:176). The .38 short rimfire was introduced ca. 1860 (Datig 1958:150). No headstamp. .32 ACP cartridge headstamped "U. M. C." (Union Metallic Cartridge Company before its merger Remington in 1911 (Logan 1959: 191; White and Munhall 1977:31). Expended .32-20 (.32 Winchester) cartridge headstamped "Peters." The .32-20 Winchester cartridge was introduced in 1882 and was intended for their Model 73 lever action rifle. Colt, Smith & Wesson and Bayard made revolvers for this caliber as well (Barnes 1969:169, 61). From 39-40.5N 0-1E Surface.

19377- "Top hat" percussion cap. Expended. Surface Collection 6.5-10.5N.

19436- "Top hat" percussion cap. Incomplete. Surface Collection 10.5-16N.

19455- Two ferrous metal long arm screws. One of these screws is slotted, internally threaded, and measures 1/4" in length, while the other is externally threaded, unslotted, and

measures 5/8" in length. The threaded portions of these two screws do not match, so they were not paired. Both exhibit bits of "yellow" colored plating on the screw heads; however, the plating metal is magnetic. Surface Collection 16-21.9N.

19462- Expended low brass shotgun shell base. It is headstamped "WINCHESTER/No 10/REPEATER." Surface Collection 16-21.9N.

19464- Expended .38 caliber Long Colt cartridge headstamped "U. M. C./S H/.38 LONG." The letters "S" and "H" identify solid head case construction. White and Munhall (1977:148) state that cartridges so marked were loaded by the American Metallic Cartridge Company in cases made by the Union Metallic Cartridge Company. The arm through which this round was fed had an off-center firing pin. A part of the impression is at the edge of the primer. Surface Collection 16-21.9N.

19465- Unfired .22 short cartridge headstamped "US" (United States Cartridge Company, Lowell, Massachusetts, 1869-1936) (White and Munhall 1977:32).

19466- Unfired .22 Extra Long headstamped "U." Surface Collection 16-21.9N.

19691- Expended, incomplete .38 cartridge headstamped "U.M.C./S H/.38 LONG." Surface Collection 24.1N 1.21E.

19693- Wooden fishing float with traces of red, yellow, and green paint extant. The 1894-95 Montgomery Ward catalog (Montgomery Ward & Co. 1970:478) illustrates this style of float under "First Quality of Excelsior Floats." Surface Collection 24.40N 4.00E.

19726- Cuprous metal-jacketed .45 ACP bullet. John Browning developed the .45 ACP round in 1905 (Barnes 1969:186). Projectile has been fired. Rifling marks are prominent. S. End Saddlery 29.3-34.5 Meters.

19755- Heavily oxidized, low brass, 12-gauge, unfired shotgun shell. The paper portion of the shell is missing. It is headstamped "U M C CO." No other markings are discernable. Surface Collection 29.3-34.5N.

19865- Lead bullet with 2 cannelures. This bullet was badly distorted on impact, but appears to have been about .44 caliber. Surface Collection 49-58.5N.

19866- Incomplete "top hat" percussion cap. Surface Collection 49-58.5N.

20067- Length of bamboo. Pole for still fishing(?). N. End Mess Room 65-79.6 Meters.

20123- Expended .32 Ballard Extra Long cartridge headstamped: "W.R.A. CO./ .32 W.C.F." The .32 Extra Long cartridge made its debut about 1879 and was fairly popular for a time.

The .32-20 WCF captured its market niche, and by 1920 most companies had stopped loading it (Barnes 1969:95).

20124- Expended .22 short cartridge headstamped with the upper case "H" of the Winchester Repeating Arms Company. Surface Collection 77.7-82.12N.

20147- Incomplete white composition poker chip. Original diameter 1 1/4". Surface Collection 77.7-82.12N.

20175- Expended .22 extra long cartridge headstamped with an upper case "U." Surface Collection 77.7-82.13N.

20232- .22 cal. long rifle cartridge headstamped "H," indicating a product of the Winchester Repeating Arms Co. (White and Munhall 1977:23). 23.3 25.8 Meters Outside W. Wall.

20235- Low brass, paper hull, 12-gauge shotgun shell base embossed: "New Rival." The "New Rival" may have been a turn-of-the-century smokeless load since a black powder factory-loaded Winchester shot shell called "Rival" was marketed in the year 1894 (Vinson 1968:91). 23.3- 25.8 Meters Outside W. Wall.

20245- .350 cal. German R. F. Revolver cartridge. This cartridge is an early German rimfire used in the cheaper grade of rifles (Logan 1959:66). TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

20306- .38 Colt Special cartridge case. Headstamped "W.R.A. Co./38 Colt Sp'l." This cartridge dates post-1909 (Barnes 1969:177).

20471- Wooden friction cap for a cylindrical wooden container. Receptacles of this sort were often used to package fish hooks or shot sinkers for retail sale. Sewer Trench. Provenience unknown.

Toys

17185- Wooden marker for a peg board game. The marker is painted orange with one small area in red. TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17316- One crudely cut 5-pointed star from buff colored pasteboard. TU-18 47-48N 6-7E Level 1 0-10 cmbs.

19090- Blue slipped whiteware marble measuring about 1" in diameter. Baumann (1970:29) calls such marbles "unfired porcelain" and suggests a ca. turn of the century fabrication date. Collection Unit 32-33N 6-7E Surface.

19172- White pasteboard with most of the eagle trademark of the Diamond Match company imprinted in blue. The eagle outline was roughly followed in cutting it from the matchbox. It would appear to have been a child's diversion or toy. Another pasteboard fragment which may have been a part of the same matchbox is included under this catalog number. "...U.S. PA...O..." is printed along the top margin. Below is a stippled head of a young woman with bobbed hair (ca. 1920s to mid-1930s). To her left is an incomplete design which cannot be identified. The ink used on this scrap of pasteboard appears to be identical to that used for the eagle. Collection Unit 34-35N 5-6E Surface.

19190- Part of base, heel, and rounded body sherd of a child's toy tea pot(?). It was molded of plain, white, undecorated porcelain. Collection Unit 34-35N 6-7E Surface.

19287- Machine-made imitation agate marble ca. 1920+ (Baumann 1970:81). Collection Unit 39-40.5N 0-1E Surface.

19633- Half-round "Lincoln Log" element with tongue (tongue and groove) on reverse. Surface Collection 22.3-25.8N.

19718- Hollow rubber ball measuring 2 1/2" in diameter. The surface of the ball does not appear to have been decorated. Surface Collection 27.35N 0.54E.

19842- Wooden checker with traces of black pigment still visible. Surface Collection 41-46N.

19886- Turned wooden gaming piece(?) with traces of purple paint or stain. This artifact consists of a 13/16" sphere over a 1 1/4"-diameter hemisphere. Surface Collection 49-58.5N.

20347- Incomplete air rifle barrel exhibiting a "buckhorn" sight and the "skirt" where pump handle was secured. Surface 9'-6" From NW Corner E 74'.

20473- Small, red, wooden checker measuring 11/16" in diameter and 3/16" thick. A geometric design made up of triangular and sub-triangular elements has been scratched in on one side. Sewer Trench. Provenience unknown.

20503- Tiny, glazed white porcelain "frozen Charlotte" (Figure 16b) nude measuring 1" in height. The molded hair (parted in the center) is painted black, as are the eyes and eyebrows. The cheeks and lips are red. The upper arms are at the side, while the forearms are bent at 90-degree angles and broken off below the elbows. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

Military Items

17154- Expended .45-70 U. S. Government centerfire headstamped "R/3 84/F." TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17154- 20-gauge brass shotgun shell which appears to have been used as one end of a homemade swagger stick. The "stick" itself is broken off but about 3" of it is still in the cartridge. The base end of the stick is finished like the end of a chair rung. Remnants of army blue paint still adhere to the rung. The shell is headstamped "F/10 86/No 20." These shells were for use in the Army modified .45 caliber rifle which was issued in late 1881 to units stationed on the western frontier. The guns were used on game to supplement the daily ration (Hackley, Woodin and Scranton 1967:267). TU-6 22-23N 0-1E Level 1 0-10 cmbs.

17155- Four gallery practice(?) lead balls measuring about .455". One expended ball is too distorted to estimate original diameter. TU-6 20-23N 0-1E Level 1 0-10 cmbs.

17250- Military footwear sole fragment machine sewn with "metalin" thread. This innovation dates from 1886. Metalin was a common machine thread with a fine copper or brass wire core (Brinkerhoff 1976:29). A small piece of canvas with the same number may have been part of the same piece of footwear.

17292- Expended lead ball projectile measuring about .45 caliber. TU-17 42-43N 3-4E Level 1 0-10 cmbs.

17333- Complete .45-70 cartridge headstamped "R/10 8/F." There is a firing pin strike on the primer which failed to ignite the powder. TU-15 Level 1 0-10 cmbs.

18057- 1854 pattern brass cuff button. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18120- Two expended .45-70 cartridges. 1 is unmarked, while the other, which has been cut down to 1/2" in height, is headstamped "R/8 82/F." TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18122- Four expended lead ball projectile fragments. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18131- Lead bullet. Caliber not determined due to distortion. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18198- .45-70 cartridge without primer; .45-70 cartridge, flattened; primer, expended. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18200- .45-70 blank cartridge fragment, mouth end. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18202- Expanded lead ball projectile. Distortion prevents accurate measurement; however, it was larger than .45 caliber. TU-D 37-38S 2-3W 10-20 cmbs.

18272- Two .45-70 metallic cartridges, One is an unfired blank headstamped "R/3 85/F," indicating a manufacturing date of March 1885 at the Frankfort Arsenal. The "R" identifies the round for use in rifles. The cartridge contained 70 grains of black powder (White and Munhall 1977:127). The other cartridge (also unfired) has had the bullet removed. The distance between the horizontal broken line crimping just above the head indicated post-1876 fabrication. 31-32S 6-7W Level 2 10-20 cmbs.

18320- One expended 45-70 cartridge headstamped "R/4 84/F." TU-E 31-32S 6-7W South Wall Level 3 20-30 cmbs.

18379- One cuprous metal wire gauze hat ventilator measuring 9/16" in diameter. Herskovits (1978:44) states that this type of ventilator first appeared on the 1881 pattern fur campaign hat. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18453- Three cut-off heads from what appear to have been .45-70 cartridges. Unmarked, but they may have been manufactured by UMC under military contract. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18455- 34-ligne, cuprous metal military button, 1854 style, general service. The reverse is stamped in bas relief: "Waterbury Button Co.*." TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18471- Complete .45-70 cartridge minus primer. The top 5/8" of this cartridge appears to have been necked down. The mouth is bent in a sub-rectanguloid shape. The head is unmarked, but essentially identical to those listed under catalog No. 18453 above. A cut-off head identical to the complete .45-70 is included under this catalog number. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18473- Unmarked, cut-off head from what may have been a .45 Smith & Wesson or a .45 colt. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18504- .45 Colt internal primed, Benet type primer (Barnes 1969:187). Expended. TU-H 18-19S 0-1E Level 1 0-10 cmbs.

18716- Lead bullet measuring about .45 caliber and 1 1/4" in length. The bullet has 3 cannelures. The proximal end has been flattened and exhibits a 1/4" hole punched through at the first cannelure. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18733- 27-ligne, cuprous metal, uniform cuff button. 1854 style (Albert 1969:39-40). Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18747- Military buttons: ten 24-ligne military buttons. 2 of those are officers gilt. 1 bears the Cavalry "C" on the shield and is backstamped "* S. H. & G. */ NEW-YORK." A bit of thread still remains on the shank. The other button is emblazoned with the Infantry "I" and is backstamped "S. H. & G./NEW-YORK." "S. H. & G." was the mark of Schuyler Hartley & Graham (Schuyler, Hartley, and Graham 1967) who were military trappings merchants from the 1850s to 1900 (Albert and Kent 1949:408). Also under this catalog number are three 34-ligne enlisted buttons. 2 of these are backstamped "HENRY V. ALLIEN & CO./N.Y." Allien operated from ca. 1870 to 1900 (Albert and Kent 1949:401). 1 button is backmarked "WATERBURY/BUTTON CO." The firm was established in 1812, but was not called the Waterbury Button Co. until 1849—a name that served until 1944, when it became Waterbury Companies, Inc. (Albert and Kent 1949:402). This button has a bit of the attachment thread still intact. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18750- Three 1859-type halter studs. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18752- Pre-1885 cuprous metal saddle "plate" from a McClellan saddle. It measures 1 1/2" x 7/8". Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18766- Cuprous metal vent from an 1876 felt campaign hat. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18794- Unfired .45-70 cartridge. No headstamp. Also under this catalog number is an unfired, externally primed, rimmed cartridge, which has been cut off with a knife 3/16" above the head. It is not headstamped. Diameter at the head is approximately .500" Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18795- One 1859-type halter stud. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18797- Three 34-ligne cuprous metal 1854 pattern general service blouse buttons. 2 are marked "HENRY V. ALLIEN & CO./N. Y.", and the other is marked "HORSTMANN BROS & CO./PHILA." Also under this same catalog number is a 24-ligne cuprous metal 1854 general service cuff button. It is not backstamped. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18812- Two expended .45-70 cartridges, internally primed. Only one bears a headstamp: "C/4 79/F".

18815- Cuprous metal flap closure stud from a leather cartridge box(?). Feature 1 27.4-28.7N Level 7 105-125 cmbs.

- 18849- Textile fragment. Uniform(?) material. Feature 1 Level 8 125-145 cmbs.
- 18852- Cuprous metal numeral "5" with lead filled back. Forage cap insignia. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18853- General service military button A.G.O. January 20, 1854 (Albert 1969:39-40). Backstamped "Horstmann Bros & Co/Phila". The button, upon excavation, was still attached to a textile fragment. McGuinn and Bazelon (1988:56-57) state that Horstmann Brothers & Co. was first listed in 1859. The firm continued in business to 1893. Feature 1 Level 8 125-145 cmbs.
- 18854- 26-ligne 1854 general service kepi chin strap button with a fragment of the leather chin strap still intact. Also included under this catalog number is a 34-ligne 1854 general service button backstamped "HORSTMANN BROS & CO./PHILA" (with a dot under each arm of the "A"). Remnants of the attachment thread are still adhering to the shank. There are also two 34-ligne 1854 general service buttons backstamped "WATERBURY BUTTON CO." Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18858- Brass saber belt slide. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18864- Expended lead bullet. Distortion precludes caliber measurement. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18868- Two cuprous metal skirt ring staples for the Model 1872 and 1885 saddles. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18869- Fourteen 1859-type harness studs. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18872- Section of curb chain(?) for bridle. This may be military or civilian. The 1892 edition of the Moseman's horse furnishing catalog (C. M. Moseman and Brother 1985:167) offered 12 different curb chains which bear some similarity to this artifact. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18884- Carbine strap fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 18886- Parts of at least 7 square-toed shoe soles (army boots?) and two stacked heels, as well as a carbine strap fragment, are included under this catalog number. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.
- 19137- One expended .45-70 cartridge headstamped "R/6 85/F." Surface Collection 10.5-16N.

19142- Cuprous metal letter "K" company designation ornament for the forage cap. Collection Unit 34-35N 5-6E Surface.

19307- Incomplete cuprous metal cartridge (approximately .50 cal.) with base cut off. 23.3-25.8 Meters Outside West Wall.

19463- One unfired .45-70 bullet. Surface Collection 16-21.9N.

19474- Officer's gilt cuff button. The shield bears an "I." It is backstamped "SCOVILLE MFG CO./ WATERBURY." Surface Collection 16-21.9N.

19550- Expended .45-70 cartridge. No headstamp. Surface Collection 18.7N 2.1E.

19569- Metallic cartridges: 1- expended .56-50 Spencer. Not headstamped. 2- .56-50 Spencer, head only. S. End Day Room 22.3- 25.8 Meters.

19698- .45-70 Government cartridge (cuprous metal). No headstamp. 25N 5.9E Surface

19727- 23-ligne, cuprous metal, Sanders-type military button. Although badly oxidized, it appears to be a general service enlisted style adopted by the Army on January 20, 1854 (Albert 1969:39). No backstamp is evident. S. End Saddlery 29.3-34.5N.

19750- 34-ligne, cuprous metal, general service (1854) enlisted man's button. It is backstamped in low relief "SC... MF(?)G CO." This artifact appears to have been a product of the Scoville Manufacturing Company. Albert (1969:39) illustrates a button (No. 95) which is essentially identical to this artifact. The raised 1850s backstamp illustrated by McGuinn and Bazelon (1988:87) for the Scoville Mfg. Co. compares favorably with that borne by the Fort Laramie button. Surface Collection 29.3-34.5N.

19754- Unfired .45-70 cartridge. Bullet missing. Annular lines have been scratched into the case below the mouth. Intentional blows have been directed to one edge of the rim with what is assumed to have been a hammer and chisel. It is headstamped "R/10 82/F." Surface Collection 29.3-34.5N.

19757- Cuprous metal saddle plate. A tab has been cut out of each end parallel to the rectangular opening in the plate. Surface Collection 29.3-34.5N.

19767- Expended .45-70 cartridge headstamped "R/6 8/F." Surface Collection 29.95N 1.38E.

19786- Expended .45-70 cartridge headstamped "R/6 85(?)." Surface Collection 32.95N 1.80E.

19789- 1859-type halter stud. Surface Collection 33-35N 0-3.5E.

19796- Expended .45-70 cartridge headstamped "R/8 82/F." Primer missing. Surface Collection 33.8N 0.6E.

19800- Unfired .45-70 cartridge headstamped "R/10 8/F." Primer missing. Surface Collection 34.2N 1.1E.

19832- Expended .45 Colt (Colt Army Revolver Model 1872) cartridge (Logan 1959:92). Surface Collection 41-46N.

19839- 34-ligne general service button backstamped "THOS. G. HOOD/PHIL." McGuinn and Bazelon (1988:54) list the partnerships of Hood, Bonright & Co. and Hood, Foulkrod & Co. at Market & 11th as being in business ca. 1890 and 1893-1895, respectively. Surface Collection 41-46N.

19846- Expended Colt .45 cartridge. Surface Collection 41.8N 24.5E.

19847- Expended .45-70 cartridge. No headstamp. Surface Collection 42.62N-3.2E.

19848- Expended Colt .45 cartridge. Surface Collection 42.95N-3.15E.

19861- 33-ligne General service button backstamped "WATERBURY BUTTON CO." 29-ligne General Service buttons backstamped "WATERBURY BUTTON CO." One 29-ligne general service button backstamped "EXTRA/QUALITY". Surface Collection 49-58.5N.

19864- Expended cuprous metal, internally primed, center fire cartridge which measures about .500" at the head. There is a primer retention groove completely encircling the cartridge 1/8" above the head. Case length cannot be determined since a part of the cartridge has been cut off. Surface Collection 49-58.5N.

19922- Unfired .44 Smith & Wesson Army Revolver round. No headstamp. The bullet is completely oxidized above the mouth of the cartridge. Surface Collection 61-64.15N.

19950- Four .45-70 Government (Logan 1959: 143) cartridges. Primers are missing from all 4. They are headstamped "R/8 82/F" (manufactured at Frankfort Arsenal, August 1882). N. End Mess Room 65-74.6 Meters.

19952- One 34-ligne, Sanders-type, cuprous metal, military button. Authorized for general service (enlisted) 20 January 1854 (Albert 1969:39-40). The button is backstamped "**J. H. Wilson*/Phila." Albert and Kent (1949:406) state that J.H. Wilson was in business during the 1860s. N. End Mess Room 65-74.6 Meters.

20007- Expended .45-70 cartridge headstamped "R/3 84/F." Surface Collection 65-74.6N

20047- Four haversack hooks (Herskovits 1978:36) with bits of the original leather straps still intact. Surface Collection 65-74.6N.

20057- Pre-1873 musket sling fragments. N. End Mess Room 65-79.6 Meters.

20135- Three 1854 pattern cuprous metal military buttons measuring 32, 24, and 24 lignes. They are backstamped: "WATERBURY BUTTON CO. **," "WATERBURY BUTTON CO.," and ".SCOVILLS & Co./EXTRA," respectively. The last has retained a fragment of the attachment thread in its shank. Surface Collection 77.7-82.12N.

20176- Expended .45 Colt cartridge. This was the cartridge used in the Colt Army Revolver Model 1872. Surface Collection 77.7-82.13N.

20177- Unfired .45 caliber bullet measuring 1 1/8" in length (.45-70?). Surface Collection 77.7-82.13N.

20229- Unfired .45 cal. rifle cartridge, which according to the headstamp, was fabricated by the Frankfort Arsenal, December 1888 (.45-70) (White & Munhall 1977:127).

20230- Unfired .50-70 bar anvil cartridge used in altered Springfield muskets (Logan 1959:97). This cartridge was cut to remove bullet. 23.3-25.8 Meters Outside W. Wall.

20231- Two .45 Springfield inside cup primed cartridges (Logan 1959:92-93). 23.3-25.8 Meters Outside W. Wall.

20233- Expended Colt .45 cartridge used in the Model 1873 Colt Army Revolver, (Logan 1959:92). No headstamp. 22.3-25.8 Meters Outside W. Wall.

20239- One 34-ligne, Sanders type military button of cuprous metal. January 20, 1854, pattern (Albert 1969:39). Backstamped "Scovill Mfg. Co./Waterbury". 23.3-25.8 Meters Outside W. Wall.

20303- Expended .45-70 U.S. Government centerfire cartridge headstamped "R/1 84/F." Adopted by U. S. Military in 1873 with the single shot "Trap Door" Springfield rifle. Served as the official service cartridge for 19 years (Barnes 1969:81). Sewer Trench. Provenience unknown.

20304- Expended .56-50 Spencer (Spencer Repeating Carbine, Mod. 1865) (Logan 1959:70). No headstamp. Sewer Trench. Provenience unknown.

20305- Expended .52-70 blank. No headstamp. Sewer Trench. Provenience unknown.

20340- .45-70 cartridge. Expended. Surface 9'-6" From NW Corner E. 74'.

- 20341- .45-70 cartridge. Expended. Surface 9'-6" From NW Corner E 74'.
- 20342- Unfired .45-70 blank cartridge headstamped "9 84/F." Surface 9'-6" From NW Corner E 74'.
- 20343- Expended .45-70 cartridge headstamped: "R/1 83/F." Surface 9'-6" From NW Corner E 74'.
- 20344- Cuprous base plate for helmet spike or plume socket. Surface 9'-6" From NW Corner E 74'.
- 20398- .45-70 cartridge. Expended. Headstamped: "R/1/88." S. End of Building 16-42 Meters.
- 20418- Two expended .45-70 cartridges. No headstamp. Sewer Trench North Side 22-255W.
- 20419- 36-ligne gilt officer's button. Shield on eagle's breast bears a "C." Button is backstamped: "HENRY V. ALLIEN & CO./N.Y.", 1877-1902. This artifact should date between 1877 and 1902 when button pattern changed (McGinn and Bazelon 1984:16). A hooked toggle is still attached to the shank.
- 20493- Square toed footwear sole fragment with remnants of wooden attachment pegs. This sole *may* have been a part of a ca. pre-1872 military brogan or boot (Brinckerhoff 1976:6-7). Sewer Trench. Provenience unknown.
- 20500- Tinned ferrous metal camp boiler lid (Figure 17) with a wire "D" handle on the top center. "Robinson/ Co K 5" is scratched in script on both inside and outside surfaces. There are other illegible embossings on the inside surface. This mess gear lid measures 3 3/4" in diameter. The *Register of Enlistments of the United States Army, 1789-1914* furnishes the following information on this soldier: Robinson, John. Enlisted at Buffalo, New York, August 21, 1876. Occupation - moulder. Born: Birmingham, England. Eyes - gray/hair - dark/complexion - fair. Joined Company K 5th Cavalry. Died on November 21, 1880 of compound fracture of skull at Fort Laramie. The FOLA records indicate that Cpl. John Robinson arrived with the 5th Cavalry in May of 1880. Later reduced in rank to Pvt. Hospital records state that the fractures occurred as a result of falling off his horse while drunk (possibly dragged some distance). He died within 4 hours after admittance to hospital (personal communication, Louise Samson to Douglas Scott, October 23, 1990). TU-4 17-18N 2-3E Level 1 0-4 cmbs.

Soil Samples

- 17230- Soil sample consisting of consolidated material just below dust layer. TU-9 31-32N 5-6E 4-6 cmbs.

17279- Soil sample of a dark stained area. TU-12 31-32N 1-2E 0-10 cmbs.

17287- Ashy soil sample. TU-15 34-35N 1-2E Level 1 0-10 cmbs.

18346-51- Soil samples from Levels 1 through 5: 0-10, 10-20, 20-30, 30-40, and 40-50 cmbs, and feature fill, TU-F 0-1S 0-1W.

18489-500- Soil samples No. 1 through No. 9 taken from the following depths: 0-30, 30-36, 36-42, 42-52, 52-62, 62-72, 72-94, 94-96, and 96-200 cmbs, TU G 54-55S 0-1W. Samples 10, 11, and 12 are from the same horizontal provenience; however, no vertical provenience was given.

18893- Soil sample. Feature 1 Level 8 125-145 cmbs.

18916- Lime sample. Feature 1.

18940-7- Eight soil samples:

- 1 Fea. 1- dark brown silty loam.
- 2 Fea. 1- dark brown/black organic soil.
- 3 Fea. 1- brown compact silty loam.
- 4 Fea. 1- light brown sand.
- 5 Fea. 1- brown sand, fine texture.
- 6 Fea. 1- grayish brown sandy silt.
- 7 Fea. 1- white clay.
- 8 Fea. 1- dark brown sandy loam.

Feature 1.

Unidentified

17092- Non-diagnostic green bottle glass sherd. TU-1 3-4N 2-3E Level 1 0-5 cmbs.

17094- Bone chip from large, unidentified mammal. TU-1 3-4N 2-3E Level 1 0-5 cmbs.

17097- Three unidentified bone chips from large, unidentified mammal. TU-2 5-6N 6-7E Level 1 0-10 cmbs.

17099- Four non-diagnostic bottle glass sherds. TU-2 5-6N 6-7E Level 1 0-10 cmbs.

17100- One non-diagnostic bottle glass sherd. TU-2 5-6N 6-7E Level 1 0-10 cmbs.

17101- Wood fragment. TU-2 5-6N 6-7E Level 1 0-10 cmbs.

- 17105- Non-diagnostic bottle glass: green- 2, colorless- 9. TU-3 10-11N 2-3E Level 1 0-4 cmbs.
- 17106- Two bits of unidentified mammal bone. TU-3 10-11N 2-3E Level 1 0-4 cmbs.
- 17108- Five pieces of thin ferrous metal. Original function unknown. TU-4 17-18N 2-3E Level 1 0-10 cmbs.
- 17112- Non-diagnostic bottle glass sherds: 8- colorless, 6- green. TU-4 17-18N 2-3E Level 1 0-10 cmbs.
- 17122- Two bone chips from large unidentified mammal. One calcined. TU-4 17-18N 2-3E Level 1 0-10 cmbs.
- 17148- Forty-eight non-diagnostic bottle glass sherds. 13 non-diagnostic amber glass bottle sherds. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17153- Five pieces of a ferrous metal spring made from square wire. Original function unknown. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17156- One piece of badly oxidized ferrous metal. Original use undetermined. TU-6 22-23N 0-1E 0-10 cmbs.
- 17177- Fish (not further identified) 1 opercle. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17180- Three large, unidentified mammal bone sections measuring 1/2", 3/4", and 3/4". All were hand-sawn. 3 other large, unidentified mammal bone fragments. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17182- Eleven leather scraps. TU-6 22-23N 0-1E Level 1 0-10 cmbs.
- 17187- Non-diagnostic bottle glass: 1 amber sherd, 1 amethyst sherd. TU-6 22-23N 0-1E Level 2 10-20 cmbs.
- 17199- Non-diagnostic bottle glass: colorless sherds- 43, amber sherds- 6. TU-7 27-28N 0-1E Level 1 0-10 cmbs.
- 17200- Two whiteware sherds which are too small to identify as to original function. One has a black glaze on one surface. TU-7 27-28N 0-1E Level 1 0-10 cmbs.
- 17205- Unidentified wood fragments. TU-7 27-28N 0-1E Level 1 0-10 cmbs.
- 17207- One leather scrap. TU-7 27-28N 0-1E Level 1 0-10 cmbs.

- 17208- Nicely finished piece of modified bone. Not enough remains to determine original function. TU-7 27-28N 0-1E Level 1 0-10 cmbs.
- 17209- Three unidentified mammal bones; 4 unidentified bird bones. TU-7 27-28N 0-1E Level 1 0-10 cmbs.
- 17212- Length of ferrous metal wire. Original function unknown. TU-8 23-24N 4-5E 0-10 cmbs.
- 17227- One leather scrap. TU-8 23-24N 4-5E Level 1 0-10 cmbs.
- 17229- Three bone chips from large unidentified mammal. TU-8 23-24N 4-5E Level 1 0-10 cmbs.
- 17229- One bit of hardened cartilage(?) from unidentified animal. TU-8 23-24N 4-5E Level 1 0-10 cmbs.
- 17236- Hand-sawn bone section measuring about 3/8" in thickness. Unidentified large animal. TU-9 31-32N 5-6E Level 1 0-20 cmbs.
- 17245- Eight colorless glass bottle sherds. Non-diagnostic. TU-10 23-24N 2-3E Level 1 0-10 cmbs.
- 17251- One unidentified large mammal vertebra fragment. 1 unidentified amphibian humerus. TU-10 23-24N 2-3E Level 1 0-10 cmbs.
- 17260- Three scraps of leather. Original function unknown. TU-11 23-24N 1-2E Level 1 0-10 cmbs.
- 17271- Two non-diagnostic colorless bottle glass sherds. TU-11 23-24N 2-3E Level 1 0-10 cmbs.
- 17275- Three unidentified mammal bones one of which is a 1/2" power-sawn section, and another which exhibits rodent gnawing marks over entire surface. TU-12 31-32N 1-2E Level 1 0-10 cmbs.
- 17288- One non-diagnostic amber bottle glass sherd. TU-16 36-37N 6-6.5E Level 1 3-13 cmbs.
- 17297- One bit of dry rotted wood. Original function unknown. TU-17 42-43N 3-4E Level 1 0-10 cmbs.
- 17298- One bit of aluminum foil. Original function unknown. TU-17 42-43N 3-4E Level 1 0-10 cmbs.

- 17299- One unidentified small mammal bone. TU-17 42-43N 3-4E Level 1 0-10 cmbs.
- 17305- Unidentified ferrous metal artifact. TU-18 47-48N 6-7E Level 1 0-10 cmbs.
- 17323- Four hand-sawn bones from unidentified mammal. TU-11 23-24N 1-2E Level 1 0-10 cmbs.
- 17324- Two pieces of scrap leather. TU-18 47-48N 6-7E Level 1 0-10 cmbs.
- 17326- Wad of aluminum foil. Original function unknown. TU-18 Trench.
- 17328- Non-diagnostic colorless bottle glass sherd. TU-18 Trench.
- 17339- Two short lengths of cuprous 10-gauge wire. Original use unknown. TU-A 82-83S 0-1W 0-10 cmbs.
- 17345- Non-diagnostic bottle glass: 2 amethyst sherds, 1 amber sherd, and 13 colorless sherds, of which 1 is a basal fragment embossed "...RT..." TU-A 82-83S 0-1W Level 1 0-10 cmbs.
- 17347- Bone chip from large, unidentified mammal. TU-A 82-83S 0-1W Level 1 0-10 cmbs.
- 17349- Fourteen bone fragments from large, unidentified mammal. 10 of these exhibit butchering marks. TU-A 82-83S 0-1W Level 2 10-20 cmbs.
- 17354- Four pieces of ferrous scrap. TU-A 82-83S 0-1W Level 2 10-20 cmbs.
- 17356- Two short lengths of ferrous metal wire. Original purpose unknown. TU-A 82-83S 0-1W Level 2 10-20 cmbs.
- 17359- Non-diagnostic bottle glass: 2 small colorless sherds. TU-A 82-83S 0-1W Level 2 10-20 cmbs.
- 17366- Seventeen small unidentifiable bone chips. 11 of these are calcined. TU-A 82-83S 0-1W Level 2 10-20 cmbs.
- 17367- Non-diagnostic bottle glass: colorless- 20, amber- 14, amethyst- 4, green- 1, milk- 1. TU-A 82-83S 0-1W Level 2 10-20 cmbs.
- 17373- Three pieces of ferrous metal scrap. One piece of lead -original function unknown. TU-A 82-83S 0-1W Level 3 20-30 cmbs.
- 17375- Non-diagnostic bottle glass: colorless- 2. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17376- Non-diagnostic bottle glass: colorless- 52, amber- 2, green- 2, amethyst- 2, blue-1 (embossed, but not enough remains to identify). TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17380- Unidentified artifact(?) fashioned from an unidentified material. The object measures from about .094" to about .119" in thickness and its surfaces are matte reddish to brownish in color of medium brilliance. The surfaces have fine, even linear striations similar to the negative impressions left on wet clay by fabrics. The artifact is vesicular in the manner of a potsherd from which temper has leached. The "paste" is gritty—also like a potsherd. It gave off no odor when subjected to extreme heat, nor did it change in form. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17381- Eleven unidentifiable mammal bone fragments. 5 of these are calcined and 1 was hand-sawn. TU-A 82-83S 0-1W Level 3 20-30 cmbs.

17385- Twenty-nine non-diagnostic bottle glass sherds: amber- 3, green- 1, amethyst- 4, colorless- 21. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17386- Three non-diagnostic bottle glass sherds: green- 1, colorless- 2. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17393- Twelve unidentifiable mammal bone fragments. 9 are calcined. 1 of the remaining 3 exhibits knife scoring marks. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17397- Three pieces of ferrous metal scrap. Original function unknown. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

17398- Short length of ferrous wire measuring .102" in diameter. TU-A 82-83S 0-1W Level 4 30-50 cmbs.

18001- One short length of ferrous wire measuring .102" in diameter. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18006- Cuprous metal grommet with an inside diameter of about 1/4". Original function unknown. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18007- Cuprous metal strap/belt(?) keeper measuring 7/16" x 5/8" x 3/16". Two of the edges (3/16") on the same side bear 7 scored marks each. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18010- Thirty-eight non-diagnostic bottle glass sherds: colorless- 14, green- 3, amber- 21. TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18011- One plain, undecorated whiteware sherd which is too small to determine original vessel shape. TU-B 74-75S 0-1W 0-10 cmbs.

18016- One hand-sawn mammal bone section from unidentified animal measuring 9/16". TU-B 74-75S 0-1W Level 1 0-10 cmbs.

18019- Eight pieces of mammal bone from unidentified animal. One of these pieces exhibits a hand-sawn surface. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18023- One short piece of ferrous strapping measuring 7/8" in width. Original function unknown. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18026- Thirty-eight non-diagnostic bottle glass sherds: colorless- 28, green- 1, amber- 9. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18026- One piece of colorless, transparent, hard plastic. Original function unknown. TU-B 74-75S 0-1W Level 2 10-20 cmbs.

18044- Non-diagnostic bottle glass sherd: colorless- 1. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18049- Three pieces of mammal bone from unidentified animal. TU-B 74-75S 0-1W Level 3 20-30 cmbs.

18059- Three pieces of ferrous metal scrap. Original use unknown. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18069- Two short pieces of ferrous wire twisted together (diameter about .072"). 1 short piece of ferrous wire measuring about .144" in diameter. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18073- Three hundred and forty-nine non-diagnostic dark amber glass bottle sherds. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18078- Four hundred and fifty non-diagnostic colorless glass bottle sherds. TU-C 62-63 0-1W Level 1 0-10 cmbs.

18081- Cylindrical bottle base/heel (2 sherds) of colorless glass exhibiting a prominent "Owens" scar. Just above the heel is an embossed "4." TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18082- Six non-diagnostic colorless glass bottle base/heel fragments. A minimum number of 5 bottles is represented. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18087- Two non-diagnostic green bottle glass sherds which appear to be from different bottles. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18089- One bottle glass sherd from bottle with chamfered corners. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18100- One unidentified bird bone. 2 unidentified mammal bone chips. TU-C 62-63S 0-1W Level 1 0-10 cmbs.

18105- One hundred and six non-diagnostic bottle glass sherds: amber- 52, colorless- 50, green- 4. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18108- Nine unidentified mammal bone fragments. 1 unidentified fish bone. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18109- Two small wood fragments. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18112- Two small pieces of cuprous metal, each with 1 finished edge. They may have been part of a cartridge. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18117- Strut end with a hole for a securing rivet, bolt, or screw. Original application unknown. This is a home-fabricated item. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18118- One bit of scrap lead. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18119- Nine pieces of scrap ferrous metal. TU-C 62-62S 0-1W Level 2 10-20 cmbs.

18124- Two bits of ferrous wire. TU-C 62-63S 0-1W Level 2 10-20 cmbs.

18130- Cuprous metal grommet measuring 9/16" inside diameter. A trace of light colored (white) canvas-like textile is extant. Original function unknown. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18135- Six non-diagnostic amber glass bottle sherds. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18136- Thirteen non-diagnostic colorless glass bottle sherds. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18137- One non-diagnostic amber/green bottle glass sherd. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18139- One non-diagnostic aqua glass bottle sherd. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18145- Two unidentified bones. Immature individual. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18146- Four unidentified mammal bone fragments, of which 1 exhibits saw marks. TU-C 62-63S 0-1W Level 3 20-30 cmbs.

18164- One scrap of aluminum foil. Original function unknown. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18165- One scrap of ferrous metal. Original function unknown. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18166- One scrap of 22-gauge cuprous metal sheeting with a thin silver plating on either side. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18167- Three bits of scrap lead. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18169- Eighty-four non-diagnostic bottle glass sherds: amber- 27, colorless- 54, amethyst- 2, milk glass- 1. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18171- Four non-diagnostic bottle glass sherds: amber- 2, colorless- 1, basal sherd embossed "... 5th(?) 1919"- 1. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18181- One bit of lead scrap. This piece of lead is almost completely oxidized. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18185- Three bits of milled wood. Original function unknown. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18186- Two bone fragments from unidentified animal. TU-D 37-38S 2-3W Level 1 0-10 cmbs.

18201- Unidentified mammal bone- 3 fragments. Unidentified bird bone- 1. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18202-3- Two molten lead spills; 1 expended lead bullet (caliber could not be determined). TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18205- Talc nodule. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18209- Non-diagnostic bottle glass: 27 amber sherds which appear to be from 2 different bottles. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18210- Non-diagnostic bottle glass: 4 blue tinted embossed sherds; 1 colorless embossed sherd. None large enough for proper identification. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18212- Non-diagnostic bottle glass: colorless, 81 sherds; amber, 31 sherds; green, 10 sherds. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18213- Non-diagnostic bottle glass: 1 green and 5 colorless finish fragments. 3 appear to have been formed with a lipping tool and 3 machine made. From a minimum of 4 bottles. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18214- Non-diagnostic bottle glass: amber basal sherd embossed " ... A(?)D". Manufacturer not identified. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18215- Non-diagnostic bottle glass: 8 amber sherds. TU-D Outside 37-38S 2-3W Level 2 10-20 cmbs.

18220- Non-diagnostic bottle glass: 7 amber sherds, 1 green sherd. TU-D Outside 37-38S 2-3W Level 3 20-30 cmbs.

18221- Non-diagnostic bottle glass: 2 green tinted sherds. TU-D Outside 37-38S 2-3 W Level 3 20-30 cmbs.

18222- Non-diagnostic bottle glass: 25 colorless sherds. TU-D Outside 37-38S 2-3W Level 3 20-30 cmbs.

18227- Four fragments unidentified mammal bone. TU-D Outside 37-38S 2-3W Level 3 20-30 cmbs.

18228- Ten bits of wood. Do not appear to have been modified. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18229- Four pieces of mammal bone from unidentified animal. 1 piece has a power sawn surface. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18233- Thirty-two small pieces of ferrous scrap. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18234- Two pieces of ferrous wire twisted together. Original purpose unknown. Badly deteriorated. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18237- Non-diagnostic bottle glass: colorless- 17, amber- 4, green- 3. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

18238- One unidentified whitish lump which may be a thin piece of chert in a limestone matrix. The "limestone" did not change when subjected to intense heat. TU-D 37-38S 2-3W Level 4 30-40 cmbs.

- 18241- Non-diagnostic bottle glass: colorless- 4. TU-D Outside 37-38S 2-3W Level 5 40-50 cmbs.
- 18245- Ferrous metal strip measuring about 5 1/2" in length and 1" in width. Thickness is approx. 067". Function unidentified. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18249- Molten lead waste. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18250- Five unidentified bits of ferrous metal. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18253- Eight-foot length of ferrous wire measuring about .180" in diameter. Function unknown. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18254- Thirty-seven sherds colorless bottle glass, non-diagnostic. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18255- Twenty-five non-diagnostic amber glass bottle sherds. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18256- Five non-diagnostic green glass bottle sherds TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18259- Lump of glass which has been subjected to high heat. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18261- 6 mm. black plastic sheeting fragment. TU-E 31-32S 6-7W Level 1 0-10 cmbs.
- 18264- One unidentified mammal bone fragment. TU-E 31- 32S 6-7W Level 1 0-10 cmbs.
- 18266- Two pieces of wire twisted together. Too oxidized to determine original diameter. TU-E 31-32S 6-7W Level 2 10-20 cmbs.
- 18269- Thin ferrous metal folded twice to a width of 1/4". Purpose unidentified. TU-E 31-32S 6-7W Level 2 10-20 cmbs.
- 18271- Lead waste. TU-E 31-32S 6-7W Level 2 10-20 cmbs.
- 18276- Eight non-diagnostic green glass bottle sherds and 19 non- diagnostic amber glass bottle sherds. TU-E 31-32S 6-7W Level 2 10-20 cmbs.
- 18282- Four pieces scrap ferrous metal. Original purpose unknown. TU-F 0-1S 0-1W Level 1 0-10 cmbs.
- 18288- Non-diagnostic bottle glass: amber- 10, colorless- 3, green- 1, milk- 1. TU-F 0-1S 0-1W Level 1 0-10 cmbs.

- 18291- Four mammal bone chips from unidentified animal. TU-F 0-1S 0-1W Level 1 0-10 cmbs.
- 18292- Non-diagnostic bottle glass: colorless- 8, amber- 1. TU-F 0-1S 0-1W Level 2 10-20 cmbs.
- 18296- Two mammal bone chips from unidentified animal. TU-F 0-1S 0-1W Level 2 10-20 cmbs.
- 18299- Fifteen unidentified mammal bone fragments. TU-F 0-1S 0-1W 20-30 cmbs.
- 18305- Non-diagnostic bottle glass sherds: 2 colorless, 1 amber. TU-F 0-1S 0-1W 20-30 cmbs.
- 18309- Nine unidentified mammal bone fragments. TU-F 0-1S 0-1W Level 4 30-40 cmbs.
- 18314- Non-diagnostic bottle glass sherds: 2 colorless, 1 amber. TU-F 0-1S 0-1W Level 4 30-40 cmbs.
- 18318- Three fragments of ferrous metal stripping measuring 3/8" in width. Two of the pieces consist of 2 overlapped and riveted elements. Original function unknown. 8 other pieces of unidentified ferrous scrap. TU-E 31-32S 6-7W South Wall Level 3 20-30 cmbs.
- 18319- Non-diagnostic bottle glass: colorless- 15, amber- 10, green- 9. TU-E 31-32S 6-7W South Wall Level 3 20-30 cmbs.
- 18324- Non-diagnostic bottle glass sherds: 1 amber, 2 aqua. TU-F 0-1S 0-1W Level 5 40-50 cmbs.
- 18328- Three unidentified large mammal bone fragments. TU-F 0-1S 0-1W Level 5 40-50 cmbs.
- 18429- Non-diagnostic bottle glass sherds: 1 amber, 1 colorless. TU-G 54-55S 0-1W Level 5 West Half.
- 18330- Seven pieces of badly oxidized ferrous metal. Original function unknown. TU-F 0-1S 0-1W Level 6 50-60 cmbs.
- 18333- Non-diagnostic bottle glass sherds: colorless- 2, amber- 2. TU-F 0-1S 0-1W Level 6 50-60 cmbs.
- 18334- Seven mammal bone fragments from unidentified animal. TU-F 0-1S 0-1W Level 6 50-60 cmbs.

- 18335- Two pieces of mammal bone from a large, unidentified animal. TU-F 0-1S 0-1W Level 16 50-60 cmbs.
- 18337- Non-diagnostic bottle glass sherds: colorless- 1, green- 1. TU-F 0-1S 0-1W Level 7 60-70 cmbs.
- 18340- Five mammal bone chips from a large, unidentified animal. TU-F 0-1S 0-1W Level 7 60-70 cmbs.
- 18342- Non-diagnostic bottle glass: colorless- 2. TU-F 0-1S 0-1W Level 8 70-80 cmbs.
- 18343- One plain, undecorated whiteware sherd. The sherd is too small to determine original vessel shape. TU-F 0-1S 0-1W Level 8 70-80 cmbs.
- 18344- Four mammal bone fragments from unidentified animal. TU-F 0-1S 0-1W Level 8 70-80 cmbs.
- 18356- One short piece of ferrous metal wire measuring about .167" in diameter. Original function unknown. TU-G 54-55S 0-1W Level 1 0-10 cmbs.
- 18369- One thin ferrous metal disk measuring about 21/32" in diameter. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18371- Six pieces of ferrous metal scrap. Original purpose unknown. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18374- Small, square piece of lead scrap. Original purpose unknown. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18375- Copper strip measuring 5/32" wide, and about 1/16" thick. One end, measuring 23/32" long was stepped down to a width of 3/32". The artifact has 5 holes along its length (broken off at the 5th hole) which appear to have been punched from the same side near the centerline. The holes measure 3/64" in diameter. The first hole is 25/32" from the intact end. The second hole is 1 1/8" from the first. The third hole is 1 7/16" from the second. The fourth hole is 1 1/8" from the third, and the fifth hole is 15/16" from the fourth. Original purpose of this well-executed artifact is unknown. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18383- Concavo-convex cuprous metal disk measuring 5/16" in diameter. Original purpose unknown. TU-G 54-55S 0-1W Level 2 10-20cmbs.
- 18384- Waste lead splatter. TU-G 54-55S 0-1W Level 2 10-20 cmbs.
- 18386- Four bits of burned clay. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18390- Four mammal bone chips from unidentified animal. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18391- Twenty-four plain, undecorated whiteware sherds. These sherds are too small to determine vessel shape. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18396- Non-diagnostic bottle glass sherds: colorless- 1181, amber- 78, milk glass- 29 (one of these sherds bears the embossment "...MS"), amethyst- 6, cobalt- 2. TU-G 54-55S 0-1W Level 2 10-20 cmbs.

18400- Non-diagnostic bottle glass sherds: colorless- 50, amber- 25, milk glass- 2, amethyst- 1, cobalt- 1. One of the colorless sherds is an incomplete lipping tool "ring" finish. The type of bottle from which it came cannot be determined. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18401- Four unidentified mammal bone fragments, one of which is calcined, and another, part of a rib, exhibits cleaver marks. There is also 1 incomplete, unidentified fish element included under this catalog number. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18406- Ferrous metal disk measuring 13/16" in diameter. Original function unknown. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18407- Short length of 18-gauge cuprous metal wire. Original function unknown. 54-55S 0-1W Level 3 20-30 cmbs.

18409- Incomplete ferrous metal artifact consisting of a piece of ferrous metal plate with 3 countersunk holes for attachment. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18410- One thin, sub-rectangular piece of white metal (zinc) waste. Original function unknown. TU-G 54-55S 0-1W Level 20-30 cmbs.

18411- One bit of lead spill waste. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18412- One small scrap of white metal (zinc) waste. TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18417- One amorphous bit of an unidentified substance (glazier's putty?). TU-G 54-55S 0-1W Level 3 20-30 cmbs.

18419- One unidentified, small, incomplete fish bone fragment. TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18422- Non-diagnostic bottle glass sherds: colorless- 10, amber- 5, cobalt- 1. TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18427- Two bits of ferrous scrap. Original purpose unknown. TU-G 54-55S 0-1W Level 4 30-40 cmbs.

18429- Twenty-three colorless bottle glass sherds. Includes sherds from cylinder and panel bottles. There is an incomplete bead finish which appears to have been tooled and fire polished. 31-32S 6-7W Level 2 10-20 cmbs.

18436- Two sherds of colorless bottle glass. TU-G 54-55S 0-1W Level 6 West 1/2 50-60 cmbs.

18437- Two pieces of glass which have been subjected to high heat. TU-G 54-55S 0-1W Level 6 50-60 cmbs.

18439- Two rib fragments from unidentified large mammal (one hand-sawn end and one end broken off of each). 1 bone chip (one hand-sawn edge) from large, unidentified mammal. 1 bone chip from unidentified bird. TU-G 54-55S 0-1W Level 6 West 1/2 50-60 cmbs.

18448- Calcined epiphysis fragment, unidentified mammal. TU-6 54-55S 0-1W Level 7 60-70 cmbs.

18456- Non-diagnostic bottle glass sherds: amber- 4. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18459- Two pieces of mammal bone from unidentified animal. TU-G 54-55S 0-1W Level 8 70-80 cmbs.

18462- Two pieces of unidentified bone. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18464- Three small wood fragments. Original purpose unknown. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18467- Non-diagnostic bottle glass sherds: colorless- 3, green- 2. TU-G 54-55A 0-1W (West 1/2) Level 9 80-90 cmbs.

18468- Non-diagnostic bottle glass sherd: colorless- 1. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18470- Eleven bits of scrap ferrous metal. Original function unknown. TU-G 54-55S 0-1W (West 1/2) Level 9 80-90 cmbs.

18477- Cuprous metal grommet with an inside diameter of 1/4". Original function unknown. See No. 18006. TU-G 54-55S 0-1W Level 10 90-100 cmbs.

- 18509- Ferrous metal scrap. TU-H 18-19S 0-1W Level 1.
- 18513- Unidentified mammal bone fragment. TU-H 18-19S 0-1E Level 1 0-10 cmbs.
- 18516- Non-diagnostic bottle glass sherds: 6- amber, 2- green 14- colorless. TU-H 18-19S 0-1E Level 1.
- 18517- Non-diagnostic glass bottle sherds: 7 colorless (2 panel), 1 milk, 3 blue, 5 amber, 2 green. TU-H 18-19S 0-1E Level 1 0-10 cmbs.
- 18519- Unidentified mammalian rib sections: 1) one end is knife scored, cleaved, and broken off - the other end is broken; 2) both ends cleaved; 3) both ends broken. TU-H 18-19S 0-1W Level 2 10-20 cmbs.
- 18523- Two ferrous metal rivets and burrs peened to span a distance of about 1". Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.
- 18525- Non-diagnostic bottle glass sherds: 3 colorless, 2 amber 1 aqua. TU-H 18-19S 0-1W Level 2 10-20 cmbs.
- 18527- Five unidentified mammal bones. TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.
- 18531- Short length of 15-gauge cuprous wire scrap. TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.
- 18536- One non-diagnostic amber bottle glass fragment. TU-H 18-19.5S 0-1W Level 3 20-30 cmbs.
- 18538- Unidentified mammal bone chip. TU-C 62-63S 0-1W Level 4 30-40 cmbs.
- 18539- Four amber glass bottle sherds. One of the sherds includes a part of the base and heel. It bears a portion of an illegible embossment. 1 non-diagnostic green glass bottle sherd. 8 non-diagnostic colorless glass bottle sherds. TU-C 62-63S 0-1W Level 4 30-40 cmbs.
- 18560- Short length of ferrous metal wire. Original function unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18561- Four short pieces of ferrous metal wire. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18565- Three pieces of ferrous sheet metal scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.

- 18574- Plain weave white cotton(?) textile fragment. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18579- Six calcined and burned bits of mammal bone from unidentified animal. 1 bird bone section with both ends broken off. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18588- Non-diagnostic bottle glass sherd: colorless- 1. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18589- Non-diagnostic bottle glass sherds: amber- 3, colorless- 6, milk glass- 3. Feature 1 27.4-28.7N 1.9-3.4E Level 1 0-25 cmbs.
- 18595- Non-diagnostic bottle glass: amethyst- 2, green- 1, colorless- 14. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18608- R. tarsometatarsus. Not further identified. Very small individual. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18610- Seven unidentified animal bones. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18611- Five unidentified animal bones. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18612- Power-sawn cranial fragment from a large, unidentified mammal. Feature 1 27.4-28.7N 1.9-2.4E Level 2 25-45 cmbs.
- 18621- One bag of bark and wood fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18624- Plain weave, white canvas fragments. One piece is folded and hand stitched. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18625- Plain weave white canvas fragments. This is quite likely a part of the same artifact as No. 18624 above. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18642- Two pieces of ferrous scrap. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18644- One piece of ferrous scrap. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.
- 18652- Eight short pieces of ferrous metal wire. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18658- Lead solder line ("T" shaped in cross section). Original function unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18663- Ferrous scrap. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18664- Ferrous scrap. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 2 25-45 cmbs.

18671- Non-diagnostic bottle glass sherds: colorless- 25, amethyst- 3. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18673- Lead solder line (3 pieces, "T" shaped in cross section). See 18658 above. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18675- Four small pieces of thin red rubber sheeting measuring 1/16" in thickness. Original function unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18698- Eleven short pieces of ferrous metal wire. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 3 45-65 cmbs.

18712- Three short pieces of 5/8" ferrous metal strapping. One of the 3 has a cut nail hole. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18714- Three bits of aluminum foil. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18722- Two unidentified bird bones and 2 unidentified mammal bones. One of the mammal bones is part of a calcined, hand-sawn section which measures about 1/2". Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18729- Two bits of transparent, colorless plastic film. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18733- Hollow, biconvex circular object of ferrous metal measuring 1 3/16" in diameter and 7/16" thick. It has an uneven hole roughly in the center of either half which may be the product of oxidation rather than intent. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18738- Non-diagnostic bottle glass sherds: colorless- 1. Feature 1 27.4-28.7N 1.9-3.4E Level 4 65-70 cmbs.

18741- Non-diagnostic bottle glass sherds: colorless- 2, which have been subjected to melting point heat. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18742- Non-diagnostic bottle glass sherds: colorless- 5. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18760- Unidentified artifact made from 7-gauge cuprous wire which measures 3 7/16" in length. About 1" on each end is flattened on one side. The ends have blunted points. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18763- Incomplete, unidentified thin cuprous metal disk with an original diameter estimated to have been 1 1/8". There is a short flange around the perimeter and a 3/16" rim which was stamped in a die slightly higher than the center. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18770- One bag of leather scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18772- One scrap of felt. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18774- One incomplete, discoidal gastropod shell. Not further identified. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18776- Four bones or bone fragments from unidentified mammal. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18777- One rib section from large, unidentified mammal. Both ends broken off. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18778- One fish vertebra, not further identified. 1 unidentified fish bone. Feature 1 27.4-28.7N 1.9-3.4E Level 5 70-85 cmbs.

18781- One bag of leather scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18784- One rib section of large, unidentified mammal. Both ends broken off. Reverse side exhibits two cleaver marks from a dull tool. The obverse bears three canine tooth marks which appear to have been made by a large dog(?). Also included under this catalog number are two unidentified mammal bone fragments. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18786- Olive drab twill weave textile fragment. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18798- Non-diagnostic bottle glass sherds: pale green- 1, amethyst- 1, colorless- 4. Feature 1 27.4-28.7N 1.9-3.4E Level 6 85-105 cmbs.

18807- 1 cuprous metal harness rivet. 1 ferrous metal rivet. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18811- Light-duty, stamped, cuprous metal buckle measuring 3/4" x 9/16". A part of the original leather strap is still attached. The leather appears to have been coated, but the original appearance of its surface cannot be determined. Original purpose has not been determined. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18814- Short length of dowel-wound, cuprous metal, 15-gauge wire. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18822- Five small unidentified bones. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18832- Non-diagnostic bottle glass sherds: colorless- 5. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125.

18834- Non-diagnostic bottle glass: 10 colorless sherds. Feature 1 27.4-28.7N 1.9-3.4E Level 7 105-125 cmbs.

18843- Non-diagnostic bottle glass sherds: Green- 2, colorless- 2, Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18861- Four small bits of thin cuprous metal scrap. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18871- One short piece of ferrous metal wire. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18873- One short length of chain with links measuring about 3/4" in diameter. Original purpose unknown. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18880- Two unidentified fish bones. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18881- Caudal vertebra from unidentified animal. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs

18883- Five bone fragments from a large unidentified mammal. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18887- One bag of leather scrap. Feature 1 27.4-28.7N 1.9-3.4E Level 8 125-145 cmbs.

18899- Chain links and screw eye. Badly deteriorated. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

18913- Four unidentified bird bones. From immature individual. From dark gray-black deposit 150-151 cmbs. Feature 1 Level 9 145-165 cmbs.

18914- Unidentified mammal bone fragment. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

18915- Compacted mass containing horsehair lime, insect egg fragments, and other organic materials which have not been identified. From dark gray-black deposit 150-151 cmbs. Feature 1 Level 9 145-165 cmbs.

18922- Short piece of ferrous metal strapping measuring 3/4" in width. There appears to be the remnants of a nail in one end. Original use unknown. Feature 1 North Wall Profile.

18926- Vertebra fragment from unidentified animal. One edge is power sawn and exhibits canine tooth marks. Also included under this catalog number is a bone chip. Feature 1 North Wall Profile.

18929- One bit of scrap leather. Feature 1 North Wall Profile.

18932- Non-diagnostic bottle glass sherds: colorless- 115, amber-4. Most of the sherds cataloged under this number appear to have been of late manufacture—after the introduction of the automatic bottle-making machine. Feature 1 North Wall Profile.

18956- Power-sawn vertebra section (measuring 9/16" in thickness) from unidentified animal. Canine tooth marks evident. Collection Unit 11 1-2N 3-4E Surface.

18960- Rib from unidentified animal. One end is hand-sawn and exhibits canine tooth marks. Collection Unit 12 1-2N 2-3E Surface.

18983- Short length of ferrous metal wire. Original use unknown. Collection Unit 27 3-4N 1-2E Surface.

18997- Resilient white plastic foam cylinder measuring 9/16" in diameter and 3/4" in length. Packing material(?). Collection Unit 35 4-5N 0-1E Surface.

19005- One short piece of wire. Original purpose unknown. Collection Unit 40 5-6N 2-3E Surface.

19006- Nine short pieces of wire. Original purpose unknown. Collection Unit 41 5-6N 1-2E Surface.

19008- Unidentified mammal bone. Collection Unit 30-31N 4-6E Surface.

19021- Non-diagnostic bottle glass sherd: amber- 1. Collection Unit 30-31N 5-6E Surface.

19035- Non-diagnostic bottle glass sherds: amethyst- 6, amber- 1. Collection Unit 30-31N 6-7E Surface.

19045- One mammal bone chip from unidentified animal. Collection Unit 30-31N 6-7E Surface.

19110- Piece of leather measuring 1 3/8" in length and 7/8" in width with a nail hole through the center. The impression of the nail head is visible on the smooth side of the leather. There is a knife scoring mark across the width adjacent to the nail head impression. Original purpose unknown. Collection Unit 32-33N 6-7E Surface.

19112- One mammal bone from an unidentified animal. Exhibits a canine tooth mark. Collection Unit 32-33N 6-7E Surface.

19114- Six mammal bones from unidentified animal. 1 bird bone from unidentified animal. One of the mammal bones is a 2 3/4" hand-sawn rib section and another, also a rib, exhibits canine tooth marks. Collection Unit 32-33N 6-7E Surface.

19132- Small leather scrap. Original purpose unknown. Collection Unit 34-35N 4-5E Surface.

19134- Non-diagnostic bottle glass sherd: colorless- 1. Collection Unit 34-35N 4-5E Surface.

19140- Three short pieces of ferrous wire. Original use unknown. Collection Unit 34-35N 5-6E Surface.

19143- Cast ferrous metal bracket. Original use unknown. Collection Unit 34-35N 5-6E Surface.

19144- White metal friction cap measuring about 5/8" in diameter. Original use unknown. Collection Unit 34-35N 5-6E Surface.

19148- Two small bits of green plastic. Original purpose unknown. Collection Unit 34-35N 5-6E Surface.

19149- Incomplete, molded black plastic artifact in a tapered cylindrical shape. Original purpose unknown. Collection Unit 34-35N 5-6E Surface.

19162- Four short lengths of cotton thread knotted together. Original function unknown. Collection Unit 34-35N 5-6E Surface.

19168- Three unidentified bird bones and 1 unidentified mammal bone chip. Collection Unit 34-35N 5-6E Surface.

- 19183- Two unidentified bird bones and 1 unidentified mammal bone chip. Collection Unit 34-35N 6-7E Surface.
- 19187- Non-diagnostic bottle glass sherds: colorless- 5. Collection Unit 34-35N 6-7E Surface.
- 19205- Bone fragment, unidentified mammal. 36-37N 2-3E 0-3 cmbs.
- 19209- "Diamond" shaped piece of ferrous metal with hole in center. Function unknown. Dimensions: length 1 3/8", width 1", hole diameter 5/8". 36-37N 4-5E Dust Zone 0-3 cmbs.
- 19212- Unidentified bird bone fragment. 36-37N 4-5E Dust Zone 0-3 cmbs.
- 19213- Three unidentified mammal bone fragments. 36-37N 4-5E Dust Zone 0-3 cmbs.
- 19227- Short length of jute twine. Use unknown. Collection Unit 36-37N 6-7E Surface.
- 19228- Two hand-sawn bone sections measuring about 1 1/4" and 3/16" respectively. Unidentified mammal. Also under this catalog number are 3 other unidentified bones. Collection Unit 36-37N 6-7E Surface.
- 19234- Two unidentified bird bones. Epiphyses missing. 37-38N 6-7E Dust Zone 0-3 cmbs.
- 19243- Bone chip from large, unidentified mammal. 38-39N 4-5E Dust Zone 0-3 cmbs.
- 19255- Cut leather scrap. 39-40N 4-5E Dust Zone 0-3cmbs.
- 19259- Two unidentified small mammal bones. 39-40N 5-6E Dust Zone 0-3 cmbs.
- 19261- One vertebral fragment from a large, unidentified mammal. 39-40 5-6E Dust Zone 0-3 cmbs.
- 19264- Piece of ferrous metal measuring 1 7/8" x 1 3/4" x 1/8". A 3/4" hole is in the center. May have been used as a washer. 39-40N 6-7E Dust Zone 0-3 cmbs.
- 19266- Four unidentified mammal bone fragments. 39-40N 6-7E Dust Zone 0-3 cmbs.
- 19275- Three non-diagnostic colorless glass bottle sherds. 39-40N 6-7E Dust Zone 0-3 cmbs.
- 19277- Leather scrap. Function unknown. 39-40.5N 0-1E Dust Zone 0-3 cmbs.
- 19282- Two non-diagnostic green glass bottle sherds. 39-40.5N 0-1E Dust Zone 0-3 cmbs.

- 19288- Three non-diagnostic green glass bottle sherds. 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 19295- Cuprous metal wire, 11-gauge, measuring 1 3/16" long. Function unknown. 39-40.5N 0-1E Dust Zone 0-3 cmbs.
- 19299- Ferrous metal wire measuring 3" in length and .102" in diameter. Function unknown. 39-40.5N 0-1E Dust Zone 0-3 cmbs.
- 19301- Cast iron plate fragment with broken edges. Stove fragment (?). 39.40.5N 0-1E Dust Zone 0-3 cmbs.
- 19314- Ferrous metal strap fragment with a nail hole in one end. The strap measures 13/16" in width. Function unknown. 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 19323- Furculum from an unidentified bird. 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 19327- Ten unidentified bird and mammal bones. 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 19329- Unidentified bird, L. humerus. Distal epiphysis missing. 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 19334- Thin leather scrap. Function unknown. 39-40.5N 1-2E Dust Zone 0-3 cmbs.
- 19340- Colorless glass bottle base, heel, and part of body. Blown in a cup bottom mold. Appearance suggests late nineteenth-century fabrication date. Original contents unknown. 58-59N 0- 1E Surface.
- 19355- Two incomplete bones from unidentified animal. Surface Collection 1-2N East Wall.
- 19360- Thin ferrous scrap. Original uses unknown. Surface Collection 1-6.5N West Wall.
- 19366- Scrap of thin, amber colored plastic film. Original purpose unknown. Surface Collection 1-6.5N West Wall.
- 19367- Non-diagnostic bottle glass sherds: colorless- 3, amber- 1. Surface Collection 1-6.5N West Wall.
- 19378- Non-diagnostic bottle glass: colorless- 2. Surface Collection 6.5-10.5N.
- 19391- Unidentified mammal bone. Rodent-gnawn. Surface Collection 6.5-10.5N.
- 19396- Three short pieces of ferrous wire. Surface Collection 6.5-10.5N.

- 19402- Incomplete (3 pieces), unidentified artifact made from thin ferrous metal. 1 of the pieces has a flanged hole measuring 1/2" in diameter. Surface Collection 6.5-10.5N.
- 19406- Non-diagnostic bottle glass: colorless- 6, blue- 1. Surface Collection 6.5-10.5N.
- 19411- Rib fragment from unidentified mammal. One end is hand-sawn, while the other is broken off and bears a canine tooth mark. Surface Collection 6.5-10.5N.
- 19413- Two bone fragments from an unidentified mammal. One of these has a hand-sawn edge. Surface Collection 6.5-10.5N.
- 19420- Non-diagnostic bottle glass sherd: aqua- 1. Surface Collection 10.5-16N.
- 19423- Five pieces of ferrous metal. Original purpose unknown. Surface Collection 10.5-16N.
- 19424- One bone chip from large, unidentified mammal. One surface power sawn. Surface Collection 10.5-16N.
- 19430- Five pieces of bone from large, unidentified mammal. All have been butchered and rodent-gnawn. Surface Collection 10.5-16N.
- 19431- Two bone chips from large, unidentified mammal. One rodent-gnawn bone shaft from unidentified bird. Surface Collection 10.5-16N.
- 19433- One small bit of leather. Original use unknown. Surface Collection 10.5-16N.
- 19434- Non-diagnostic bottle glass sherds: colorless- 2, amethyst- 1, blue- 1. Surface Collection 10.5-16N.
- 19440- Two pieces of ferrous scrap. Original use unknown. Surface Collection 10.5-16N.
- 19444- Non-diagnostic bottle glass sherds: colorless- 17, green- 3, amber- 3, "black" (dark green)- 2, Blue- 1. Surface Collection 16-21.9N.
- 19480- Unidentified bird bone: L. humerus, R. carpometacarpus, 4 other fragments. Unidentified mammal bone: 2 pieces. Surface Collection 16-21.9N.
- 19481- Three unidentified mammal bone fragments. Surface Collection 16-21.9N.
- 19485- Five bits of leather. Original use unknown. Surface Collection 16-21.9N.
- 19490- Two sherds non-diagnostic colorless bottle glass. S. End Mess Room 19-21.9 Meters.

- 19491- Non-diagnostic, colorless glass bottle sherd. S. End Mess Room 19-21.9 Meters.
- 19500- Ferrous plate measuring 4 1/2" wide and about 5 1/4" long. Concave torch cut at one end. Exhibits 4 attachment(?) holes. Function unidentified. S. End Mess Room 19-21.9 Meters.
- 19502- Two pieces of ferrous wire which appear to have been twisted together originally. S. End Mess Room 16-21.9 Meters.
- 19511- Unidentified "L"-shaped artifact of thick ferrous metal. A 7/16" hole is bored in each end. S. End Mess Room 19-21.9 Meters.
- 19514- Ferrous metal wire measuring .078" in diameter. S. End Mess Room 16-21.9 Meters.
- 19520- Box corner home made from thin ferrous metal. The shape of the punched attachment holes suggest that both wire and cut nails were used. S. End Mess Room 19-21.9 Meters.
- 19521- Four unidentified ferrous metal artifacts. S. End Mess Room 16-21.9 Meters.
- 19522- Ferrous strapping, 9/16" wide. S. End Mess Room 16-21.9 Meters.
- 19533- Incomplete, tapered wooden plug for cask, bottle or jug. Top diameter is 1". S. End Mess Room 16-21.9 Meters
- 19537- L. astralagus, unidentified deer-sized animal. Unidentified large mammal bone fragment. S. End Mess Room 16-21.9 Meters.
- 19549- Handmade ferrous metal "L"-shaped artifact with a small hole at either extremity. Original function unknown. Surface Collection 18.7N 2.1E.
- 19553- Three short lengths of ferrous metal wire. Original purpose unknown. Surface Collection 19.5N 1.2E.
- 19557- Power sawn rib section from unidentified mammal. 3" in length. Surface Collection 20.4N .77E.
- 19565- Ferrous scrap. S. End Day Room 22.3-25.8 Meters.
- 19571- Non-diagnostic bottle glass sherds: 2 green; 20 amber. S. End Day Room 22.3-25.8 Meters.
- 19572- Non-diagnostic bottle glass sherds: 7 colorless. S. End Day Room 22.3-25.8 Meters.

19581- Calcined bone chip from unidentified mammal. S. End Day Room 22.3-25.8 Meters.

19582- One sternum fragment, unidentified mammal, 3 vertebra fragments, unidentified mammal (1 of these has been power sawn), 1 unidentified fish bone. S. End Day Room 22.3-25 Meters.

19615- Four pieces of thin ferrous strapping measuring about 13/16" in width. Badly corroded. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

19618- Non-diagnostic bottle glass sherds: colorless- 22, amethyst- 10, amber- 4. Surface Collection 22.3-25.8N.

19654- Vertebral fragment with 1 hand-sawn edge. Unidentified mammal. Surface Collection 22.3-25.8N.

19655- Three unidentified mammal bones. Surface Collection 22.3-25.8N.

19656- One fish bone and one mammal bone. Not further identified. Surface Collection 22.3-25.8N.

19657- R. humerus and L. tibia from unidentified squirrel-sized animal. Also under this catalog number is an occipital bone and 11 other bones from unidentified animals. Surface Collection 22.3-25.8N.

19671- Rectangular ferrous metal friction lid fragments for a can. The dimensions are too large for a pocket tobacco tin. Feature 1 27.4-28.7N 1.9-3.4E Level 9 145-165 cmbs.

19681- Length of galvanized wire. Original purpose unknown. Surface Collection 23.8-24.7N 0.7-3.54E.

19716- Sueded leather scrap. Original use unknown. Surface Collection 26.9N 4.9E.

19723- Cuprous metal staple (1 1/2" in length) fashioned from 7-gauge wire. Staple(?) fragment made from 6-gauge cuprous wire. S. End Saddlery 29.3-34.5 Meters.

19731- Unidentified ferrous scrap. S. End Saddlery 29.3-34.5 Meters.

19734- Non-diagnostic bottle glass sherds: 1 colorless, 1 amber. S. End Saddlery 29.3-34.5 Meters.

19738- Cut strip of off-white canvas. One end is rolled and whip stitched with double threads. S. End Saddlery 29.3-34.5 Meters.

19740- Heavy cotton textile (canvas) fragment. Off-white color. S. End Saddlery 29.3-34.5 Meters.

19783- Power-sawn mammal bone from unidentified animal. Surface Collection 31-32N 4-5E.

19827- Unidentified bird bone fragment. Surface Collection 39.65N 6.33E.

19833- Short length of ferrous wire. Original purpose unknown. Surface Collection 41-46N.

19836- Four pieces of a ferrous metal strip measuring 9/16" in width. There are solder lines paralleling the margins on the reverse. To insure a proper seal there are solder lines apparent on the obverse as well. Original application unknown. Surface Collection 41-46N.

19838- Short piece of 7-gauge cuprous wire. Original purpose unknown. Surface Collection 41-46N.

19857- One short piece of ferrous wire. Original purpose unknown. Surface Collection 49-58.5N.

19869- One small bit of scrap cast iron. Original purpose unknown. Surface Collection 49-58.5N.

19874- Three short pieces of a zinc strip measuring 1/4" in width. Original purpose unknown. Surface Collection 49-58.5N.

19875- Nicely fashioned brass plate with rounded corners measuring 1 15/16" x 1/2". There are three evenly spaced (3/4" center to center) 1/8" holes on the center line across the length of the plate. Each of the holes on the obverse side bears a circular scar indicating that the plate was once attached to another object. Stretched metal particles discernable on the reverse side of the plate around the holes indicate that the holes were drilled from the obverse. Original purpose unknown. Surface Collection 49-58.5N.

19876- One small bit of lead waste. Surface Collection 49-58.5N.

19883- Non-diagnostic bottle glass sherds: cobalt blue- 3, colorless- 35, amber- 4. Surface Collection 49-58.5N.

19897- Five unidentified bird bone fragments. Surface Collection 49-58.5N.

19901- One vertebra fragment from large unidentified mammal. One 2 1/2" hand-sawn rib section from large unidentified mammal. One small bone chip from unidentified animal. Surface Collection 49-58.5N.

19917- Two short pieces of ferrous wire. Original purpose unknown. Surface Collection 61-64.14N.

19921- Twenty-four bits of thin, badly oxidized ferrous metal. Original purpose unknown. Surface Collection 61-65.15N.

19925- Nine non-diagnostic colorless glass bottle sherds. Surface Collection 61-64.15N.

19951- Ferrous metal friction cap measuring 1 1/8" in diameter with a 1/4" skirt. N. End Mess Room 65-74.6 Meters.

19958- Unidentified ferrous wire (or strip) overlain with a cotton textile. A thin cuprous strip with tabs is bent around the whole. The strip has a boss on one side. N. End Mess Room 65-74.6 Meters.

19962- Non-diagnostic, amber glass bottle sherd. N. End Mess Room 65-74.6 Meters.

19977- Charred wood fragment. N. End Mess Room 65-74.6 Meters.

19982- Unidentified mammal bone fragment. One end exhibits hand sawing marks. N. End Mess Room 65-74.6 Meters.

19996- One bag of thin ferrous metal scrap. Original purpose unknown. Surface Collection 65-74.6N.

19999- Three pieces of ferrous metal strapping measuring 1" in width, and 2 pieces of metal strapping measuring 3/4" in width. The latter was attached with nails, remnants of which remain in the strapping. Original purpose unknown. Surface Collection 65-74.6N.

20001- Short ferrous metal rod measuring 1/2" in diameter. Original purpose unknown. Surface Collection 65-74.6N.

20005- Horseshoe-shaped ferrous metal object with the open end closed by a straight bar. It measures 3 13/16" across, 3 3/8" in height and 3/8" in thickness. The arced portion of the object is deeply channeled on either side with attachment or securing lugs on either side of the bar. Surface Collection 65-74.6N.

20006- One lump of scrap lead. Surface Collection 65-74.6N.

20012- Length of galvanized wire. Original purpose unknown. Surface Collection 65-74.6N.

20019- Five non-diagnostic colorless glass bottle sherds. Surface Collection 65-74.6N.

- 20020- Non-diagnostic bottle glass: Colorless- 159, green- 9, amber- 5. Surface Collection 65-74.6N.
- 20043- R. opercle and R. basipterygium from unidentified fish. Also included under this catalog number is a bone chip from a large unidentified mammal, and 3 small cranial bones from an unidentified mammal. Surface Collection 65-74.6N.
- 20058- Three short lengths of ferrous metal strapping measuring 1" in width. Surface Collection 65-79.6N.
- 20060- Three pieces of ferrous metal strapping measuring 3/4" in width. One of the pieces has square nail holes (cut nails) and one exhibits a two-rivet joint. Surface Collection 65-79.6N.
- 20061- Three pieces non-diagnostic, colorless bottle glass, and 1 lipping tool finish fragment—may have been part of a crown finish. 39-40.5N 0-1E Dust Zone 0-3 cmbs.
- 20085- Unidentified fish: L. preoperculum. 72-73N 1-2E Surface.
- 20093- Eleven unidentified mammal bone fragments. 72-73N 1-2E Surface.
- 20115- One short length of ferrous wire. Surface Collection 77.7-82.12N.
- 20116- Three short lengths of ferrous wire. Surface Collection 77.7-82.12N.
- 20129- One scrap of lead solder. Surface Collection 77.7-82.12N.
- 20132- One short piece of heavy bar stock beveled on one side. Surface Collection 77.7-82.12N.
- 20143- Non-diagnostic bottle glass sherds: colorless- 1, cobalt blue- 1. Surface Collection 77.7-82.12N.
- 20164- Two lengths of ferrous wire twisted together. Surface Collection 77.7-82.13N.
- 20165- Short length of 17-gauge cuprous metal wire. Original purpose unknown. Surface Collection 77.7-82.13N.
- 20167- Three coils of a ferrous metal spring. The spring measures about 7/8" in diameter. Surface Collection 77.7-82.13N.
- 20168- Three incomplete circular objects of ferrous metal. Original purpose unknown. Surface Collection 77.7-82.3N.

20172- Two short lengths of ferrous metal strapping measuring 1/2" in width. Three nails measuring 7/8" in length were driven through the strapping. Surface Collection 77.7-82.13N.

20173- Incomplete, skirted (3/4"), circular piece of thin ferrous metal measuring about 1" in diameter. There is a 1/4" hole in the center. Surface Collection 77.7-82.13N.

20174- Unidentified ferrous metal artifact with a thin piece of spring(?) steel attached with rivets. This may have been part of an electrical relay or switch. Surface Collection 77.7-82.13N.

20199- Cranial element from large unidentified fish. Surface Collection 77.7-82.13N.

20213- Two pieces of ferrous metal. Original purpose unknown. TU-E 31-32S 6-7W Level 4 30-40 cmbs.

20214- Non-diagnostic bottle glass sherds: colorless- 5, amber- 3. TU-E 31-32S 6-7W Level 4 30-40 cmbs.

20265- Non-diagnostic bottle glass sherds: colorless- 3. TU-I 58-59S 0-2W.

20267- Non-diagnostic bottle glass sherds: amber- 5. TU-I 58-59S 0-2W.

20286- Sleeve to accept 9/16" rod. Original application unknown. Provenience unknown.

20287- Ferrous metal anchor rod. Original application unknown. Also cataloged under this number is a stamped ferrous metal cover for an engine accessory such as an air filter, etc. Provenience unknown.

20293- Piece of ferrous wire measuring .153" in diameter. Function unknown. Provenience unknown.

20302- Piece of zinc sheeting scrap with uneven saw-toothed cuts on one side. Sewer Trench. Provenience unknown.

20308- Piece of ferrous metal strapping(?) measuring 1" in width and 4" long. Sewer Trench. Provenience unknown.

20319- Colorless glass sherd from a square or rectangular, chamfered corner bottle. An incomplete embossment "...E(?) B" is situated just above the heel on one side. Original contents of the bottle unknown. Unprovenienced.

20337- Unidentified ferrous metal scraps. Surface 9.5N 74E.

20394- Unidentified bird bone. Surface 9.5N 74E.

20404- Ferrous metal sheet scrap. Original function unknown. Leach Line Trench South End 16'-46'.

20410- Colorless, non-diagnostic bottle glass sherd. Leach Line Trench South End 16-46 Feet.

20420- Small, irregular piece of ferrous metal plate measuring .162" in thickness. Sewer Trench North End 22-255E.

20422- Part of what appears to have been a shoe for a draft horse has been re-utilized as an element in the fabrication of a new artifact. At one end a large staple has been pushed through holes in the shoe and has had the ends bent over to secure it. About 2 1/2" from the staple is a rivet peened to accommodate a thickness of 1". Also cataloged under this same number are 4 pieces of thin ferrous metal. Two of those pieces exhibit 1 worn nail hole each. Also included under this same catalog number is a short ferrous metal strip measuring 2" in width and 1/8" in thickness. Sewer Trench North Side 22-255W.

20431- Ferrous metal band measuring from 7/8" to 1" in width and 1/4" in thickness. The original diameter was about 8". Sewer Trench North Side 22-255W.

20432- Ferrous metal strapping joined by a rivet. The strapping measures 5/8" in width. Sewer Trench North End 22-255E.

20441- Molten lead waste. Sewer Trench North Side 22-255W.

20458- Non-diagnostic bottle glass sherd: colorless- 1. Sewer Trench North Side 22-255W.

20459- Two unembossed panel bottle sherds. One in colorless glass and the other in pale blue tinted glass. Original contents unknown. Sewer Trench North Side 22-255W.

20460- Non-diagnostic bottle glass sherds: colorless- 7. Sewer Trench North Side 22-255W.

20470- Large unidentified mammal vertebrae fragment. Broken. Large unidentified mammal bone chip which exhibits cleaver marks. Sewer Trench North Side 22-255W.

20499- Ferrous metal clip with an eye at the top. The arms of the clip have one set of aligned grooves to accept a locking or securing pin. TU-4 17-18N 2-3E 0-10 cmbs.

INTERPRETATIONS

The roughly 5,000 artifacts recovered from under the Cavalry Barracks floor and around the building range in date from the 1860s to the mid-twentieth century. The range of object types is equally diverse. The dust zone, that area containing artifacts found between the floor joists, contained the majority of artifacts recovered. The thinness of the deposit precludes chronological or functional determinations in vertical stratification. The deposits are just too mixed chronologically to say more than that area between the joists was a catch-all for trash.

A few non-diagnostic lithic items were recovered. They are utilized and unutilized flakes of aboriginal manufacture. Unfortunately, they cannot be dated; nor is their context adequate to determine whether they are a primary or secondary deposit. In all likelihood the lithic debris, representing prehistoric or historic Indian use of the area, was present on the building site prior to the military occupation. The building's construction and subsequent use probably disturbed the aboriginal site's integrity.

How the historic Euro-American trash was deposited remains a question. Undoubtedly some of it literally fell through the cracks in the building's floor. Perhaps some was deliberately pushed through cracks or holes as a means of convenient disposal. Finally much of the material may reflect the caching activity of rodents, such as mice and rats, and possibly domestic cats. These animals are noted for their caching or "packrat" activities. They are also notorious for getting large items into small places. If such is the case then the artifact distribution is not particularly meaningful in a cultural sense. However, as reminders of activities that occurred in the building through time, they are good examples.

Food refuse and animal, bird, and fish bone were found throughout the building. Bits of serving dishes, glasses, and food preparation items were also found. Most of these artifacts could have been used throughout the lifespan of the building's occupation. Other objects, most of the bottles, corks, and other closures, and much of the miscellaneous material date to the period of civilian ownership, and reflect the hotel, saloon, dancehall, and ranching activities of this later period.

The artifacts that most reflect the military occupation are typical of those found on many other military sites of the late nineteenth century. Uniform and trouser buttons were common. The finds of unit insignia, a brass letter **K** and a numeral **5**, identify units using the structure. The more unusual finds were the reasonably well preserved leather items. Most are incomplete, but are representative of a variety of accouterments used by the soldiers, and rarely recovered in unprotected sites.

Perhaps the most interesting object recovered is the camp boiler lid. It is an extremely well-preserved example. It retains most of its bright tinning. It also has the name **Robinson** scratched on the inside and outside of it. Fortunately the name and associated unit information could be traced. Robinson was assigned to Company **K** of the

5th Cavalry, and he died at Fort Laramie November 21, 1880, of a compound fracture to the skull. The injury occurred as a result of falling from his horse. He was apparently inebriated at the time. The lid, and coincidentally the brass letter **K** and the numeral **5**, are physical reminders of a soldier's life and death at the post.

The four features located during the investigations reflect the longer history of the building site. Two of the features definitely predate the barracks' construction, one is probably contemporary with the building, and one may be very late in the building's history or immediately postdate the military occupation.

Feature 4 represents the remains of the earliest structure on the site of the Cavalry Barracks. The disturbed stone foundation represents the structural foundation of a building that once stood on the site. In all probability the building was razed about the time the barracks was constructed. The lack of demolition debris, particularly nails, and the disturbed nature of the foundation rubble suggests the building was torn down, the area policed, and perhaps the ground leveled in preparation for the barracks' construction. There is no doubt that the foundation represents a structure that predates the barracks' construction, since Feature 2, which is roughly contemporary with the barracks, overlies a portion of Feature 1.

What Feature 4 represents is not clearly understood. The Fort Laramie historical base map and other historical maps do not identify any structures that occupied this site. However, an 1868 dated photograph of the Fort (Fort Laramie photographic collections) shows a board and batten frame building in the vicinity of the foundation location. Louise Samson (personal communication, October 21, 1986) suggested the site could have been an Officers' Stable. The stable is reported to be approximately 35 feet by 28 feet (10.6 by 7.62 meters). The measurements nearly duplicate the remaining foundation size. It is also possible the foundation may represent a bandroom that was built in this general vicinity. However, the specific identification of the foundations remains problematic. It is clear that prior to 1874 there was a building that occupied the site of the Cavalry Barracks. Historical research has not identified the structure, so the archeological evidence is all that remains of the building.

Feature 2 may represent the residue of the demolition of Feature 4, although the absence of significant structural or construction debris make this an unlikely possibility. More probably, Feature 2 represents a work or storage area for the construction of the Cavalry Barracks. The lime and limecrete that comprise the feature's makeup could represent the location of stockpiled materials or the location where the limecrete for the building was mixed. The post butt and mold may represent the location of end posts acting as supports for stockpiled materials or supports for the mixing containers. The feature was probably much larger, but the walls and flooring protected the remains of the feature, while the area exterior to the walls was subjected to disruption of foot-traffic, and later the construction of the veranda. If the feature continued into the north one-half of the

barracks, it was destroyed by later activities that disturbed most of the north half, as noted earlier.

Feature 1 is a pit used during the occupation of the barracks, and which remained open after the military occupation. The pit fill contained some dark organic material, although it does not appear to be fecal material. However, the deposit was limed on one or more occasions, suggesting it gave off an odor. The pit appears to have been rectangular, and the walls were probably once lined with wooden boards that collapsed after use. The pit gradually filled in with dirt, and later, artifacts. There was a significant amount of rodent activity noted in the profile above the 65-cm level. This soft soil made an ideal rodent burrow area and undoubtedly contributed to the collapse of the walls and the dispersion of the artifacts in the fill.

Feature 1 is located inside the boundary of Feature 4. But, the pit's artifact content indicates it was in use during the barracks' occupancy. The upper six excavated levels (0-125 cmbs) contained primarily twentieth-century artifacts, although there are some military items mixed in the fill. These deposits probably resulted from the collapse of the pit walls. The lower three excavated levels (125-165 cmbs) contained primarily military or 1880s through 1890s artifactual debris. The feature also contained about 60 percent of all military buttons recovered during the barracks investigation, as well as 39 other buttons. These other buttons include trouser fly and suspender buttons, and bone, mother-of-pearl, and porcelain underwear and other clothing buttons. The pit's buttons comprise about 80 percent of all buttons recovered. The pit artifact inventory also included nearly 80 percent of all leather items found. Most of it appears to be scrap from construction or repair of shoes, horse tack, and harness. A majority of the nineteenth-century tack and harness rigging buckles, rings, snaps, etc., were also recovered from the pit.

The pit's function is difficult to ascertain. There are no references to a pit under the barracks during the military occupancy, although it is located under the historic washroom floor. The lack of human fecal material precludes its identification as a latrine. It is not deep enough to have been a well, and the porosity of the side walls and base preclude the possibility of it having been a cistern. The presence of a matted material that included insect chitin at the pit's bottom suggests it was a damp environment. A possibility, given the pit's location under the washroom, is a sump to receive waste water from the men's washing and bathing activities.

If the pit is a sump, then presumably there would have been a waste water grate in the washroom floor. If so, then the presence of the clothing buttons and odds and ends of insignia and small equipment items are a logical inclusion in the pit. The mass of leather items and scrap are also explainable. The barracks' library is located adjacent to the washroom. During the military occupancy the library room functioned as a saddlery. Ehrenhard's (1973b) testing of the sub-floor area of the library/saddlery located a variety of artifacts, including a quantity of leather trimmings. The results of Ehrenhard's limited testing are entirely consistent with the excavations undertaken during this project in the

barracks interior, and the recovery of quantities of leather scrap and artifacts in the sub-floor area of the library/saddlery and the washroom.

The leather items and scrap, including several metal harness and tack buckles, rings, etc., were found in the upper six levels of the pit. The leather artifacts are consistent with the residue of a saddler's activities, including shoe repair. The quantity of leather material in the pit's upper levels is suggestive of a cleaning and disposal episode. A logical supposition is that the individuals employed to clean the barracks and/or the saddlery at or about the time of the army's abandonment of Fort Laramie may have discarded the artifacts into the readily available sump pit, rather than haul them to a more distant trash dump.

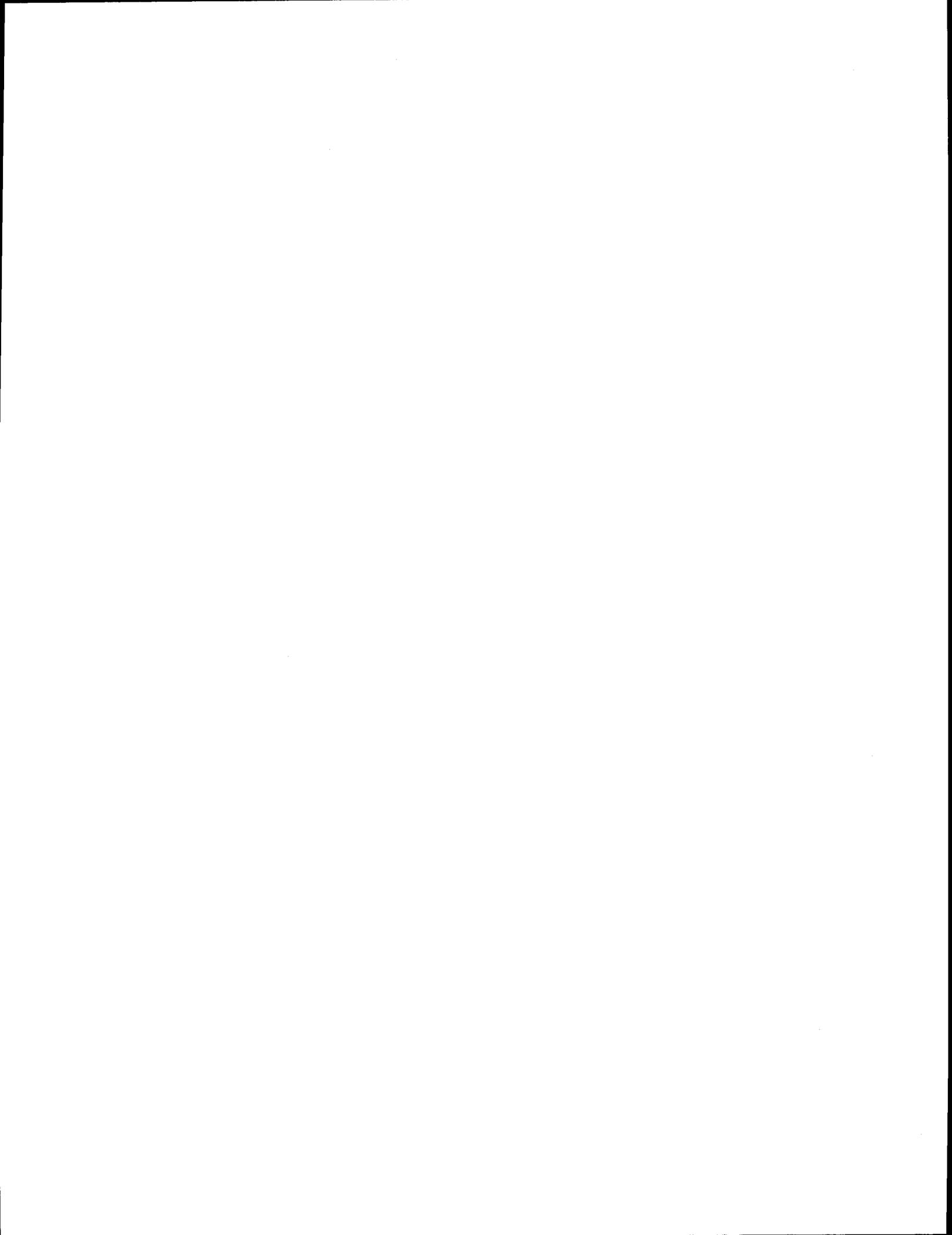
Another possibility is that the pit is the cellar reported to have been dug by Joseph Wilde, and associated with the civilian saloon (McDermott and Sheire 1970). The presence of military materials in the lower levels in the pit seems to contradict the possibility. However, Wilde may have utilized the already existing pit as a ersatz cellar and drunk tank. The Wilde cellar is believed to have been located near the saloon's rear door. The pit is located within six meters of the barracks' rear door. If the two doors are one and the same, then the pit might be Wilde's cellar location.

The Fort Laramie Cavalry Barracks are two single company barracks set end to end. The northern barracks mirrors the southern unit. There was a washroom in the northern half of the building. If Feature 1 is a military period sump pit, it should be duplicated in the northern section. Unfortunately the northern area had undergone such extensive sub-floor alteration by later occupants that no evidence of such a feature, if it existed, was noted. Without historical or archeological confirmation the pit is assumed to be an army period washroom sump pit and/or a civilian era cellar hole.

Washroom drains have been noted archeologically at Fort Davis, Texas, and Fort Abraham Lincoln, North Dakota, whose barracks were constructed roughly contemporaneously with the Fort Laramie Cavalry Barracks. The Fort Davis drains led to the building's exterior, where a rock-lined and covered sump pit was found (Douglas McChristian, personal communication, February 22, 1991). The Fort A. Lincoln drains have not been as extensively investigated, but the identified brick drain appears to lead to a sump pit (Richard Fox, personal communication, February 22, 1991). This limited archeological evidence of sump pits at contemporary forts lends some credence to the interpretation that the Cavalry Barracks pit functioned as a sump.

Feature 3 found in TU-G is a trash pit. The depth of the pit's top below present ground surface, and the artifactual content (Figure 9) suggest it may be associated with the very late military and very early civilian occupation of the site. The pit appears to be a simple trash deposit. It was a sub-rectangular to oval pit probably about 105 cm in diameter and about 60 cm deep. It contained a variety of bottles, buttons, a uniquely imprinted clay pipestem fragment (H. Isaac F.L.), a variety of cartridge cases, tin cans, and domestic food

bone. Other than to identify that the feature was filled during the 1890s and into the early part of the twentieth century, nothing was recovered to specifically identify its origin or function. It may very well represent a "Wilde era" trash pit.



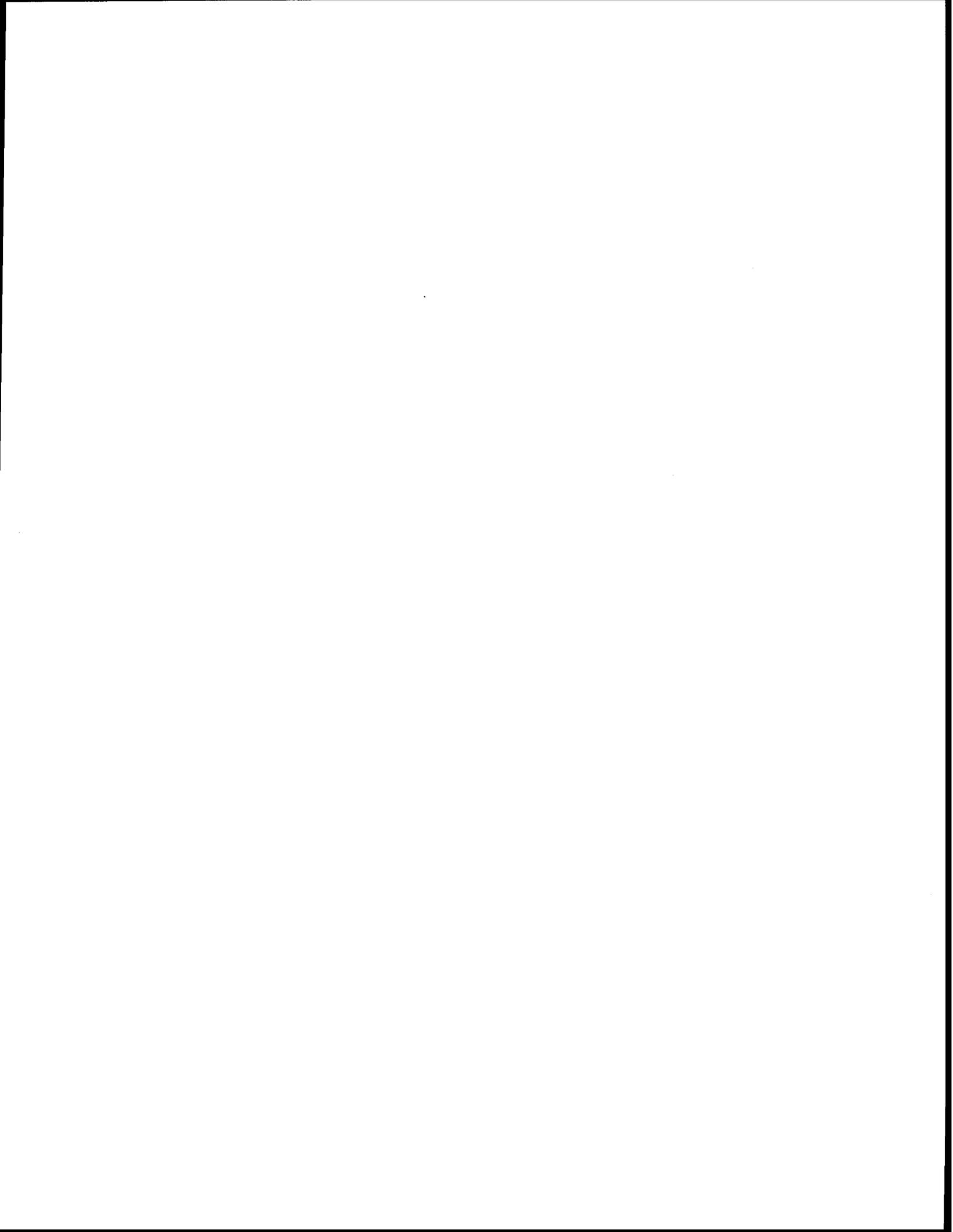
SUMMARY

The Cavalry Barracks restoration investigations yielded over 5,000 artifacts and identified four features that chronicle the history of the site. A few pieces of aboriginal lithic debris indicate that Native Americans once occupied the general area of Fort Laramie, quite probably the site of the barracks.

The stone foundation rubble (Feature 4) predates the construction of the barracks, and probably represents the remains of a razed building that was standing on the site in 1868. The building's identification remains uncertain, although it may be an officers' stable or a bandroom. Feature 2 is most likely the remains of a construction materials stockpile or a site where the limecrete mixture used in the barracks' walls was mixed. If so, the feature dates to 1874 and the construction of the barracks.

The trash pit (Feature 3) located outside the building's rear wall appears to be an early civilian trash disposal area, dating to the period of the Wilde occupation. Feature 1 is an interesting feature. It was dug and at least partially lined with boards. Its location under the barracks' washroom area, and the artifact content of the lower three excavation levels suggest it was a sump pit. It may also be the cellar believed to have been used by the Wildes during the saloon operation period.

The floored and covered area investigated yielded a wealth of well-preserved artifacts. They demonstrate the range of goods lost or disposed of during the lifespan of the building. They also reflect changing technology (i.e., bottle and tin can manufacturing technology) through nearly 100 years of the building's use. And the artifacts and features reflect the differing functions and lifestyles the building housed during its various occupations. The wealth of archeological information recovered is indicative of the richness of the archeological deposits at Fort Laramie. Nearly every archeological endeavor conducted at the fort since 1939 has yielded buried deposits relating to the fort's history. Many times these have been previously undocumented resources. Such is the case with the barracks investigations. New material and features were identified that add to the richness of the site's story. A number of the artifacts, particularly the attributed camp boiler lid, are artifacts valuable for their interpretative potential.



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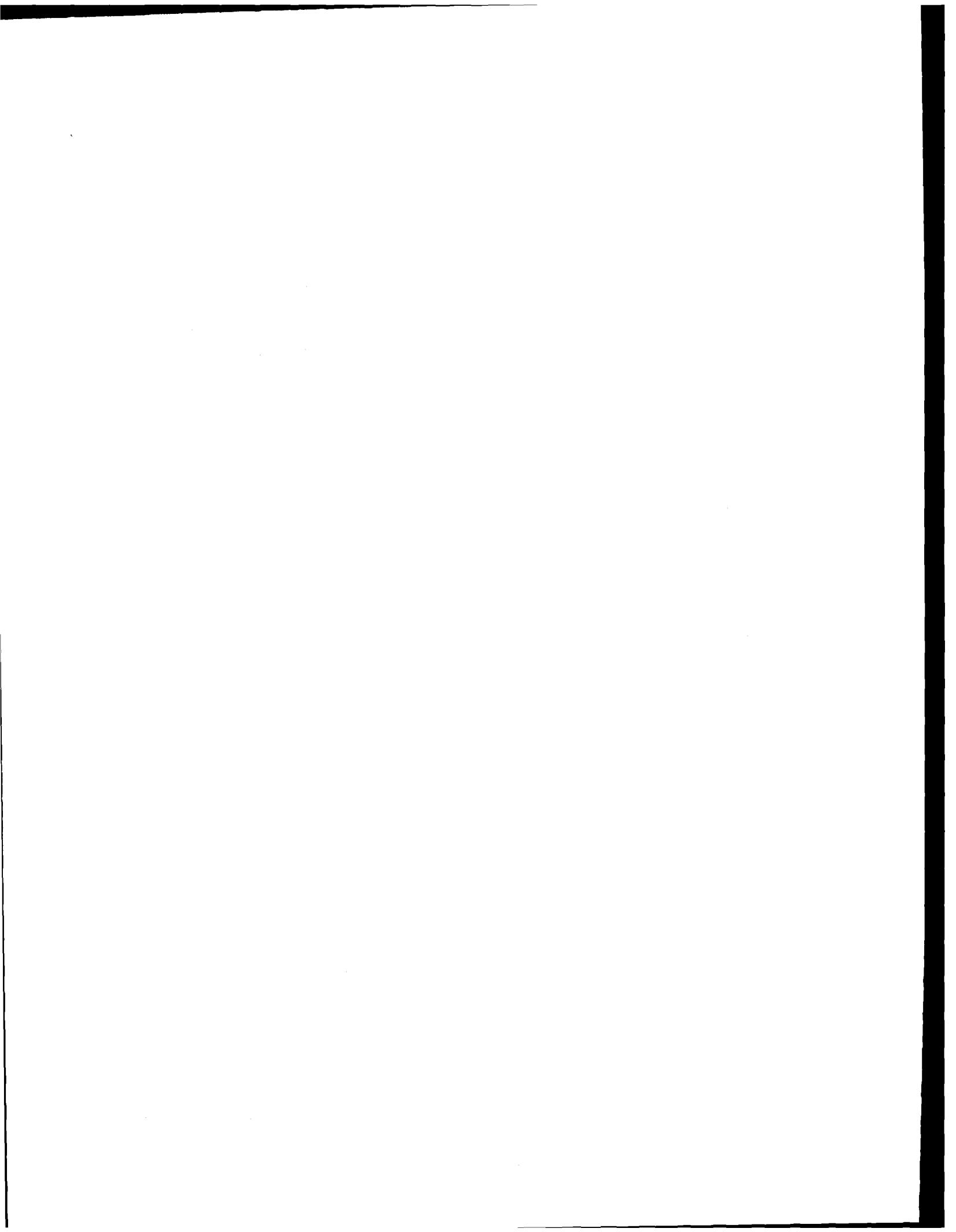
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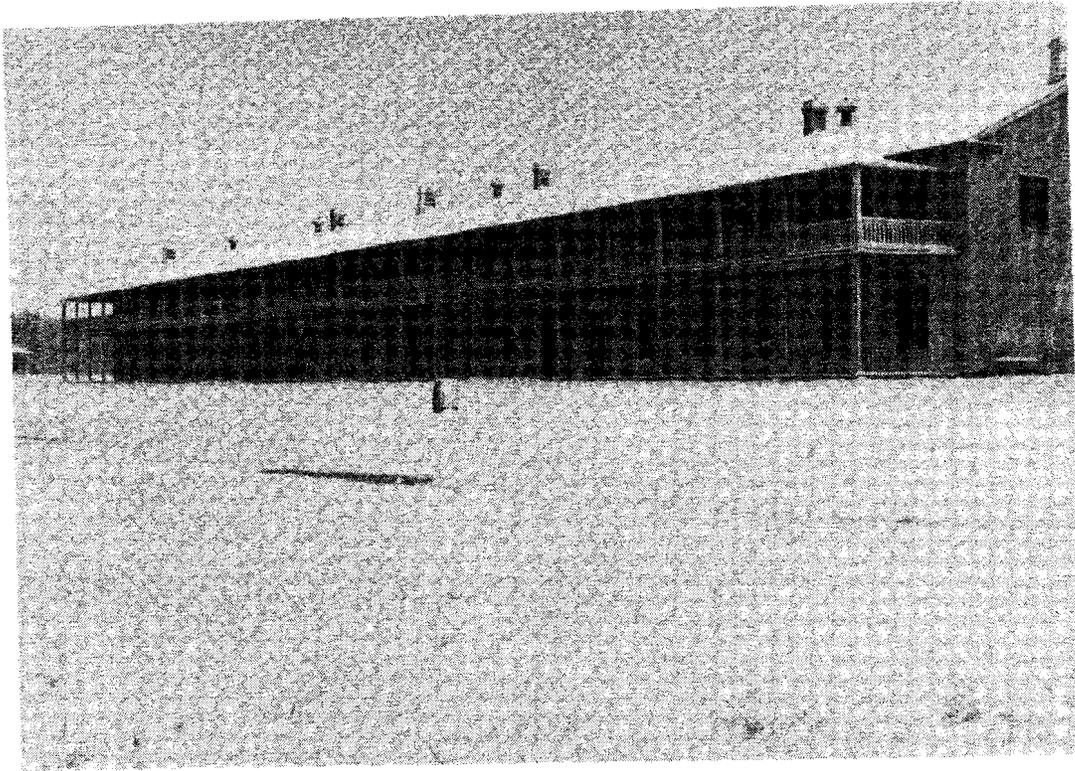


Figure 1. The reconstructed Fort Laramie Cavalry Barracks as seen from the exterior.

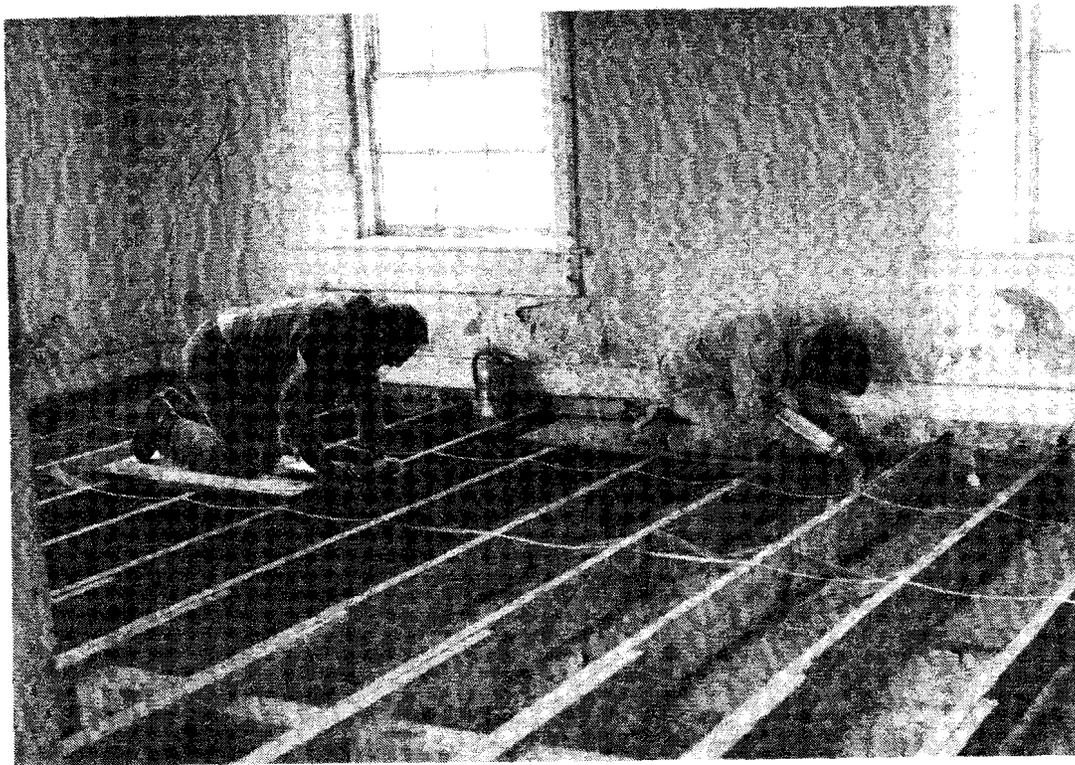
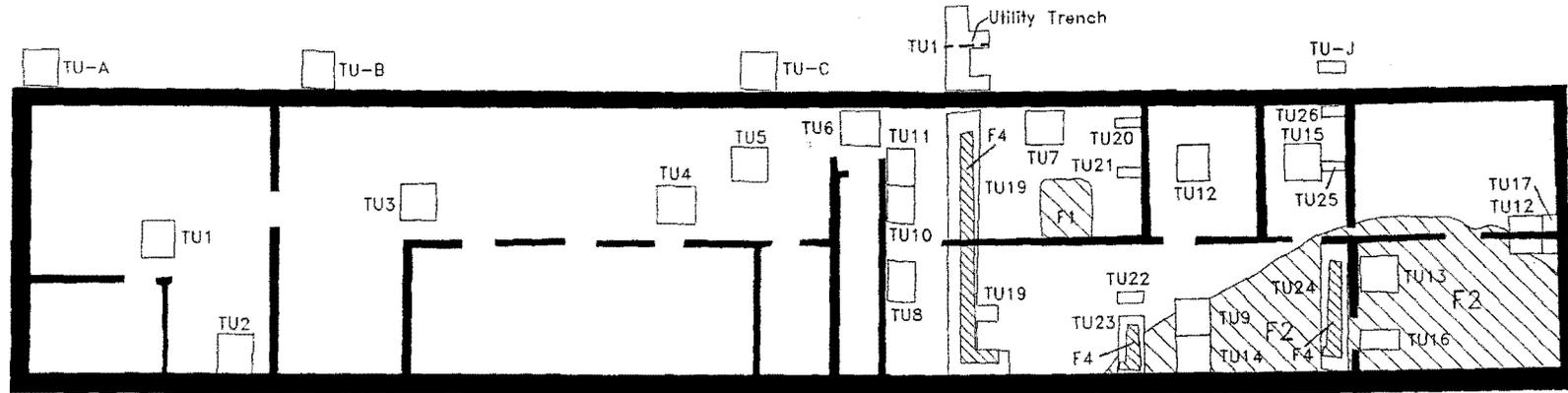
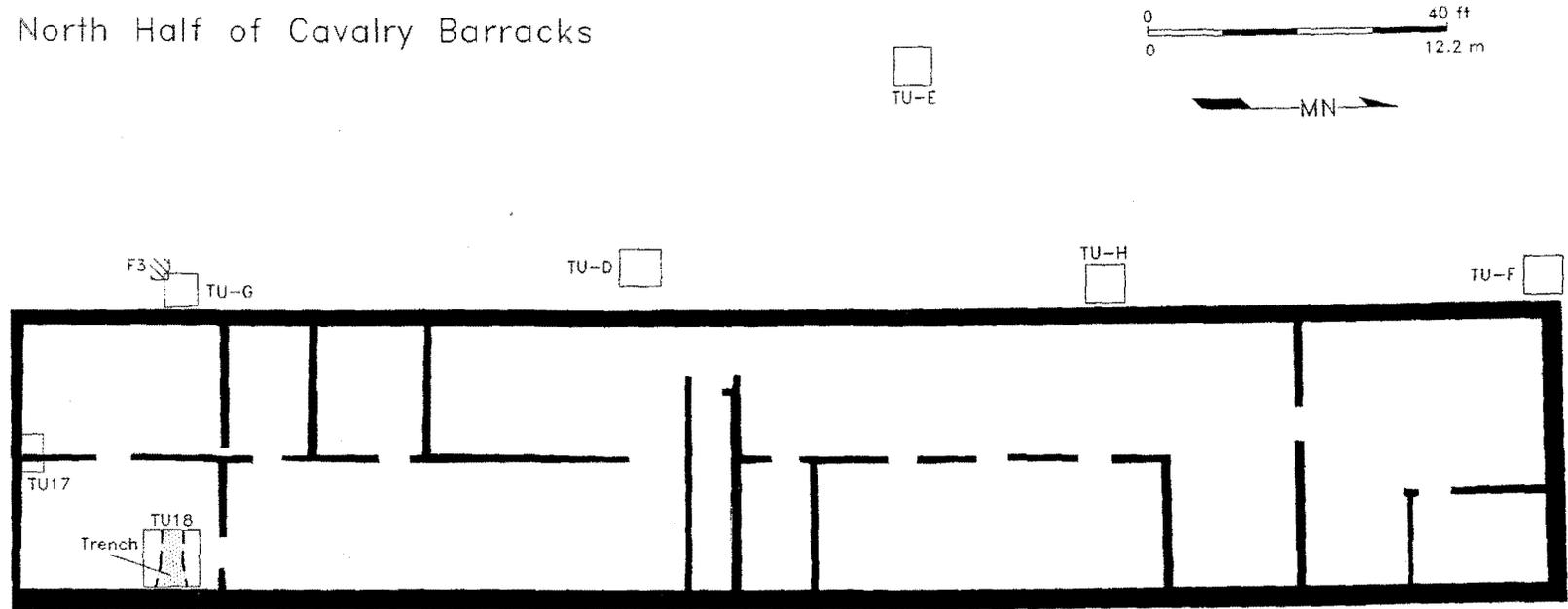


Figure 2. Data recording under way after floorboard removal.

South Half of Cavalry Barracks



North Half of Cavalry Barracks



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Figure 3. Plan of the excavations of the barracks.

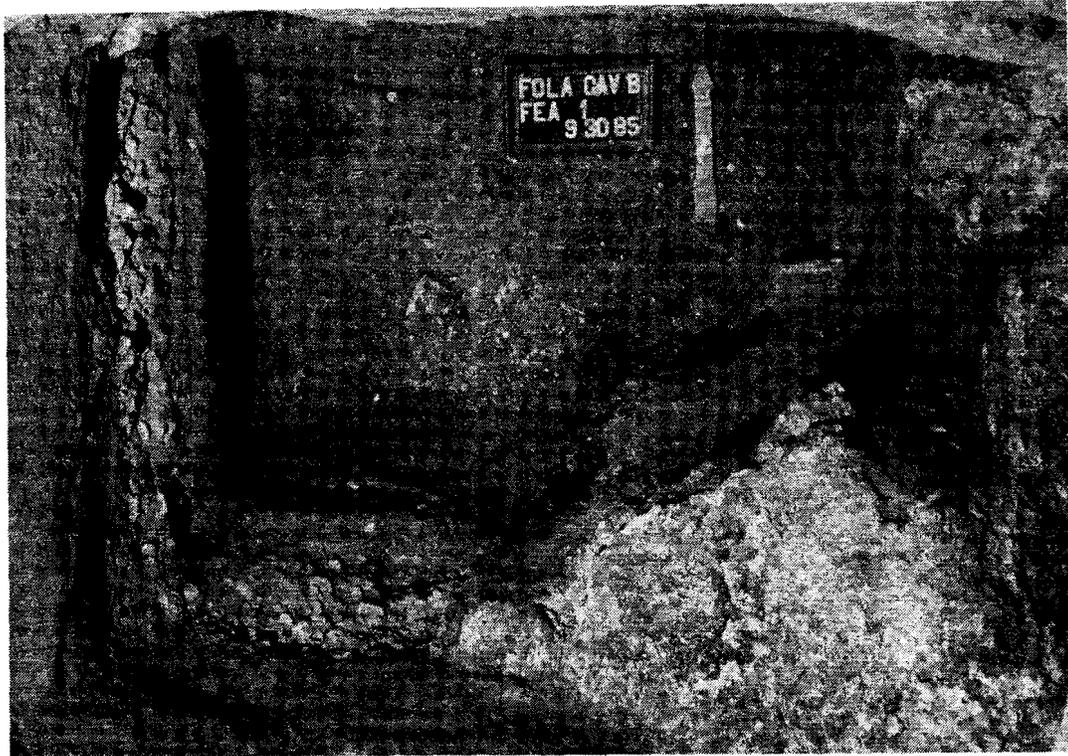


Figure 5. Excavation limits reached in Feature 1.

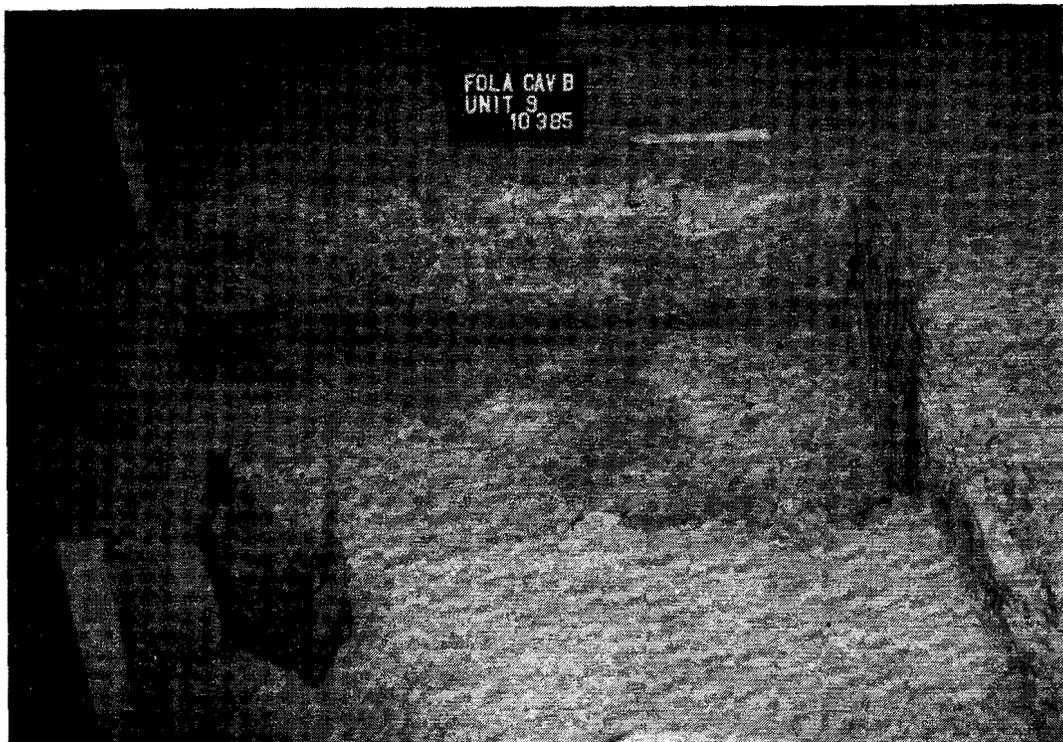


Figure 6. The compacted area, Feature 2, found in TU-9.



Figure 9. A late nineteenth century bottle found in TU-G.



Figure 10. A Spencer cartridge found in association with Feature 4.

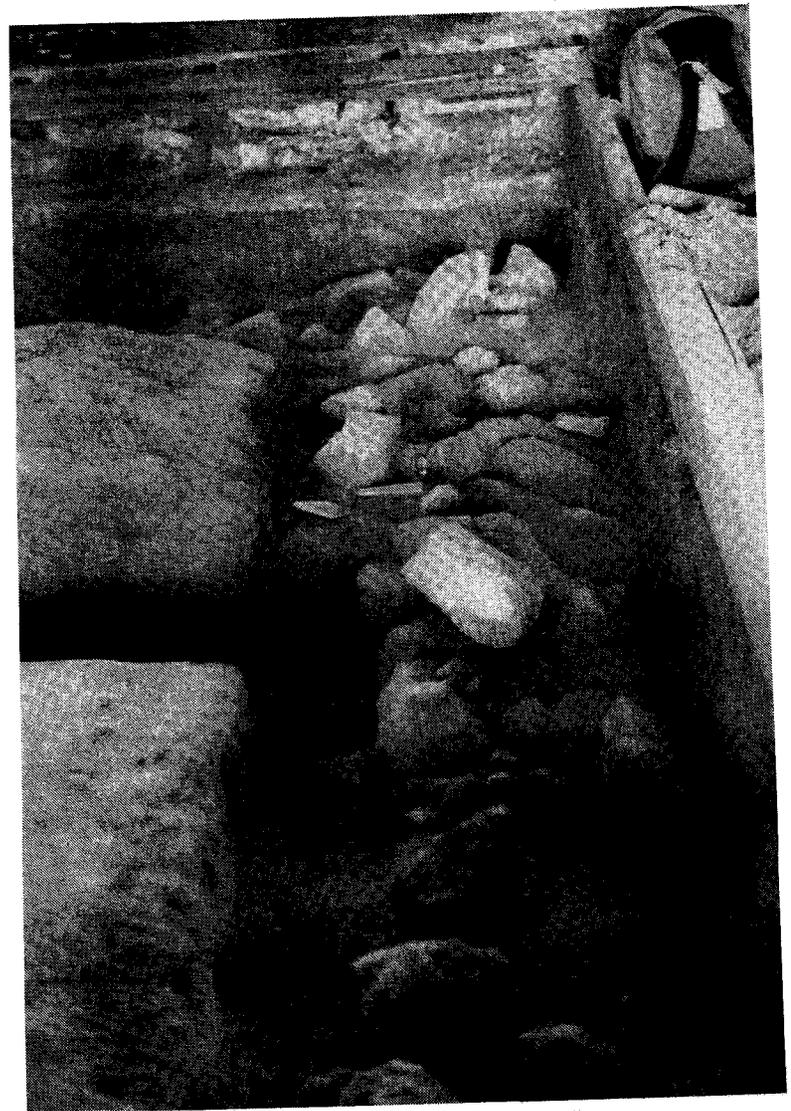
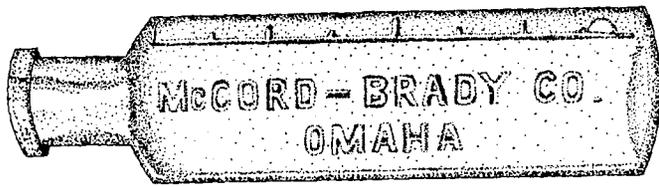
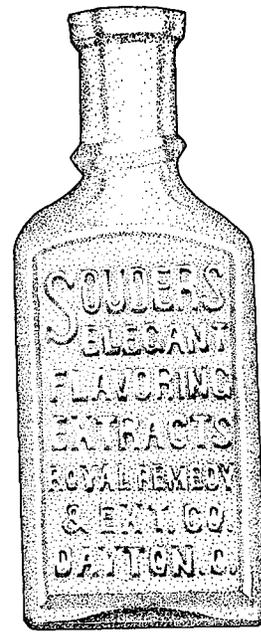


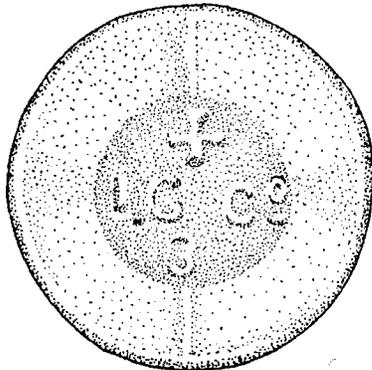
Figure 11. The east wall of Feature 4, a building foundation.



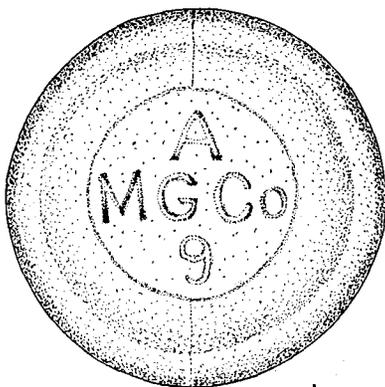
a



b



c



d

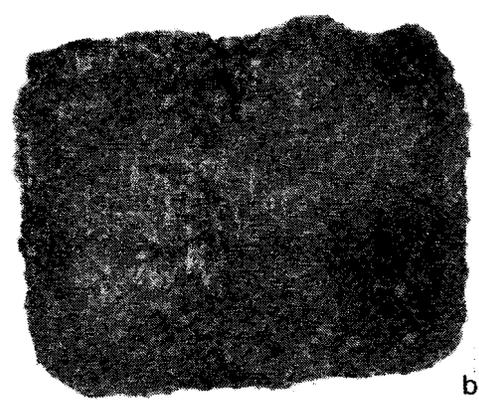


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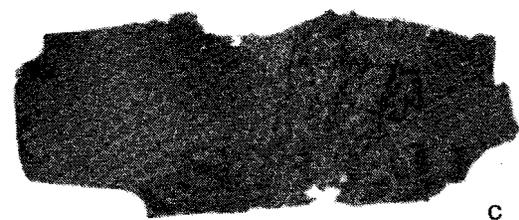
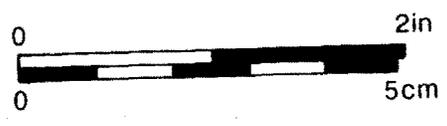
Figure 12. Glass bottles and bases recovered in the Barracks. a. McCord-Brady bottle, b. Souders Extract bottle, c. IG Co base, d. MG Co base, e. SG Co base.



a



b



c



Figure 13. Oyster can label and condom box. a. Cove oyster can label, b. Sheiks condom tin. c. Sheik condom tin label.

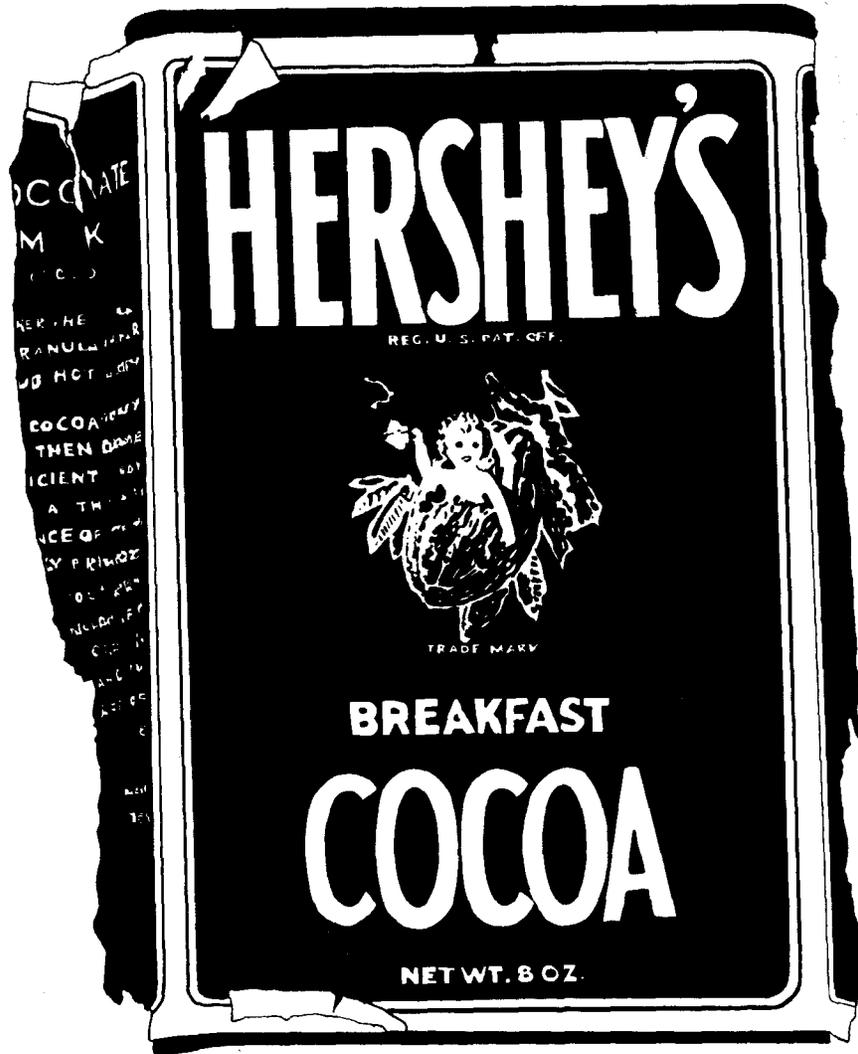
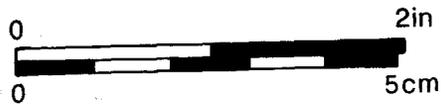
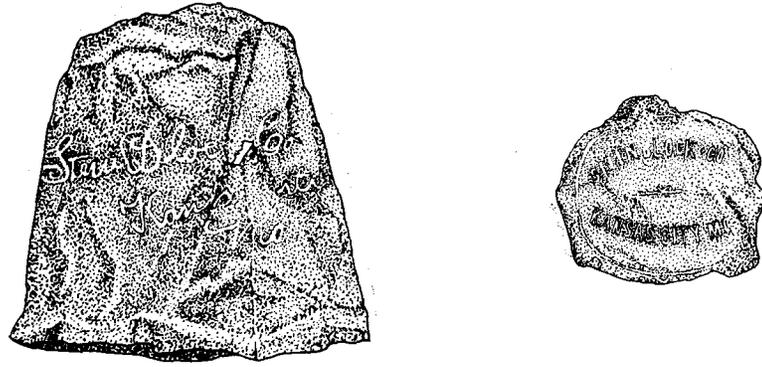


Figure 14. Hersheys Cocoa can label and Steinblock wine cork lead foil seal.

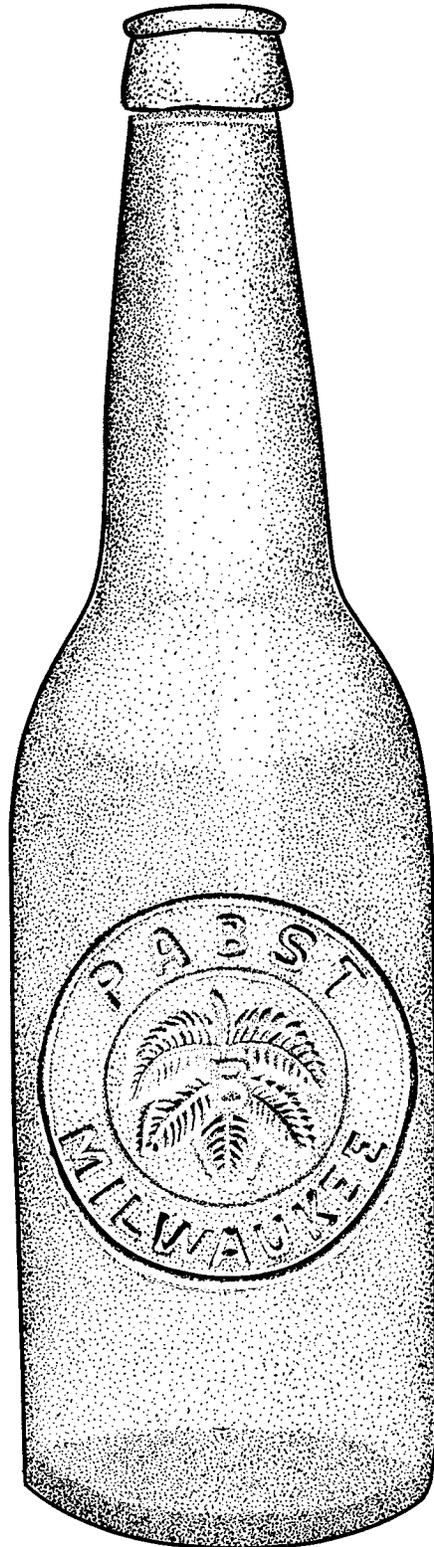


Figure 15. Pabst beer bottle.

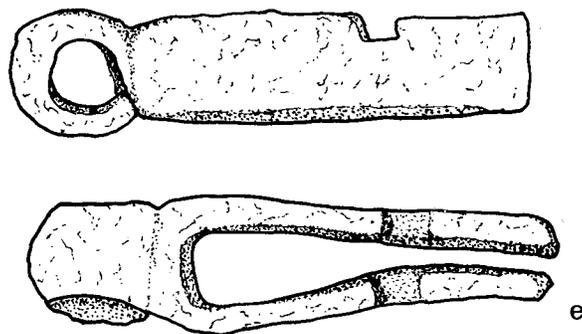
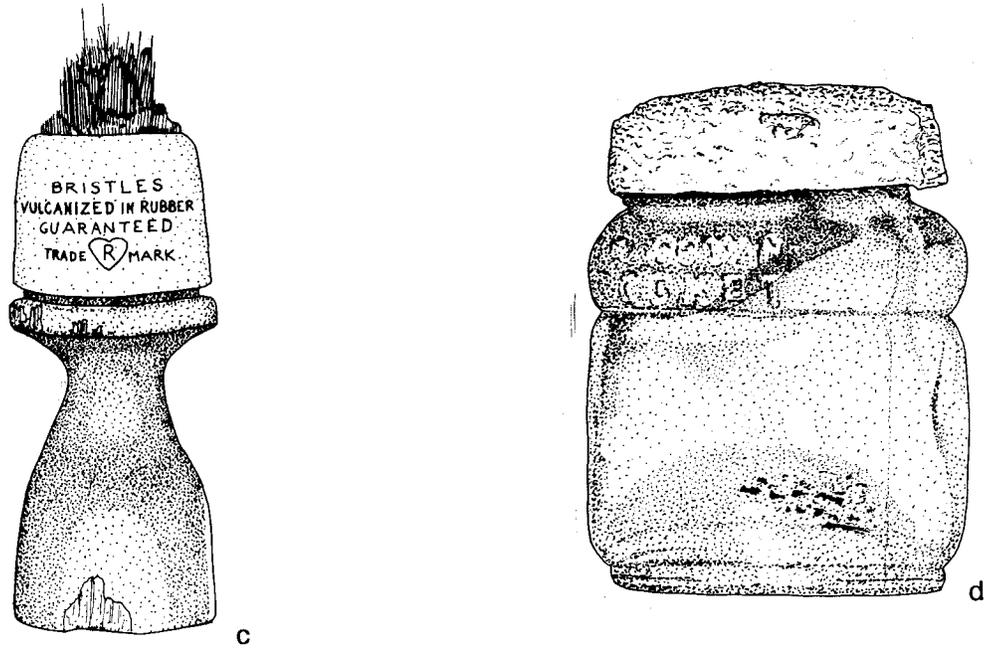
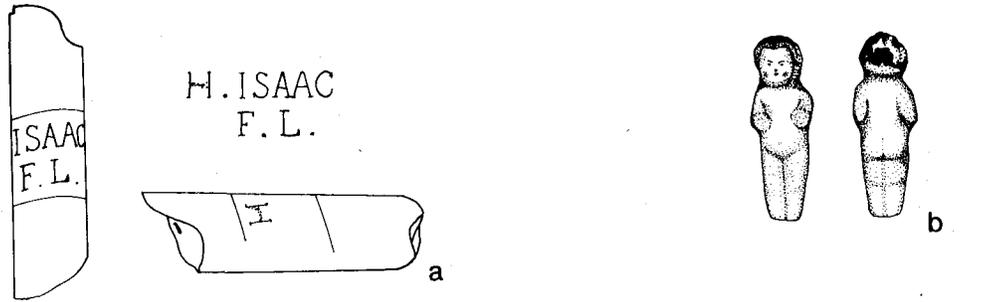


Figure 16. Miscellaneous artifacts. a. Isaac pipestem fragment, b. Frozen Charlotte doll, c. shaving brush, d. ink bottle, e. unidentified clevis-like device.

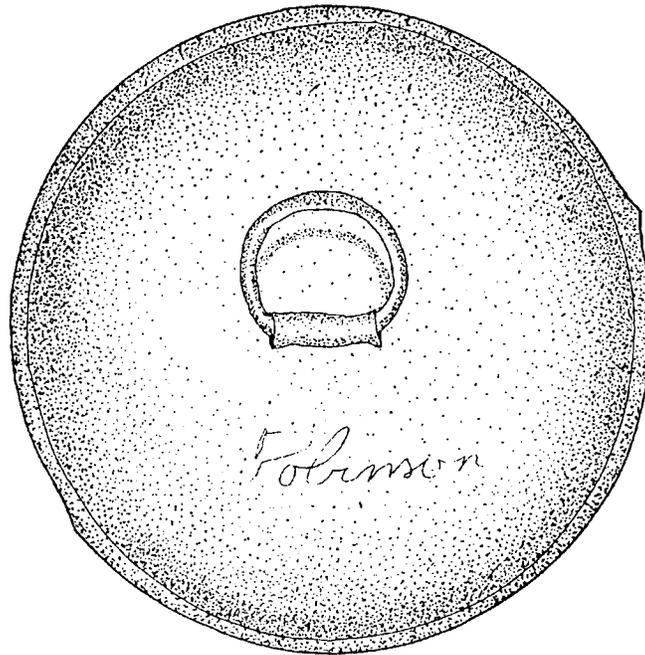
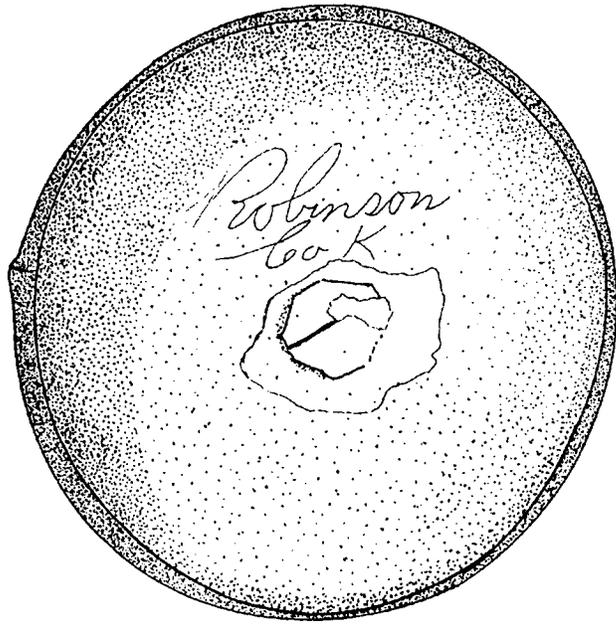
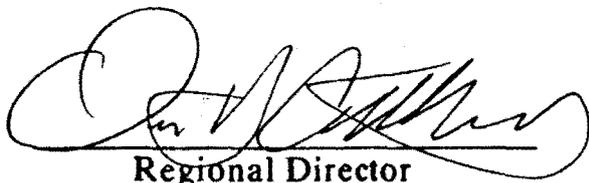


Figure 17. Camp boiler lid attributed to Pvt. John Robinson, 5th Cavalry.

REPORT CERTIFICATION

I certify that "Archeological Investigations of the 1874 Cavalry Barracks, Fort Laramie National Historic Site, Wyoming" by Douglas D. Scott, W. E. Sudderth and Christopher Schoen

has been reviewed against the criteria contained in 43 CFR Part 7(a)(1) and upon recommendation of the Regional Archeologist has been classified as available.


Regional Director

6/10/92

Date

Classification Key Words:

"Available"--Making the report available to the public meets the criteria of 43 CFR 7.18(a)(1).

"Available (deletions)"--Making the report available with selected information on site locations and/or site characteristics deleted meets the criteria of 43 CFR 7.18 (a)(1). A list of pages, maps, paragraphs, etc. that must be deleted for each report in this category is attached.

"Not Available"--Making the report available does not meet the criteria of 43 CFR (a)(1).