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# Death Keeps No Calendar: Dating Mortuary Hardware from the Saints Peter and Paul Parish Church Cemetery

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DEATH KEEPS NO CALENDAR: DATING MORTUARY HARDWARE  
FROM THE SAINTS PETER AND PAUL PARISH CHURCH CEMETERY

by

Amanda Roller

A Thesis Submitted in  
Partial Fulfillment of the  
Requirements for the Degree of

Master of Science  
in Anthropology

at

The University of Wisconsin-Milwaukee

December 2016

## ABSTRACT

### DEATH KEEPS NO CALENDAR: DATING MORTUARY HARDWARE FROM THE SAINTS PETER AND PAUL PARISH CHURCH CEMETERY

by

Amanda Roller

The University of Wisconsin-Milwaukee, 2016  
Under the Supervision of Dr. Patricia B. Richards

The concern of the Saints Peter and Paul parish members regarding the history and identity of the individuals buried in an almost forgotten section of the cemetery created an opportunity for archaeologists to work with a community by providing a voice for those buried there and facilitating community understanding and healing. The purpose of this thesis is to examine the temporal indicators of the Saints Peter and Paul cemetery to determine if the coffin hardware and associated artifacts present in excavated burials reflect the expected time of interment. The expected period of interment is 1872-1930. Coffin hardware and associated artifacts are compared to types present in patents and period hardware catalogs to determine their potential dates of manufacture. Ultimately this comparison determined the expected dates of use match the types and variety of materials present in and on the coffins. Additional temporal evidence examined includes the seriation of gravestones in the existing portion of the cemetery, and an examination of the cemetery layout. The gravestone seriation shows the recovered markers, based on the material they are constructed from, would fall into time ranges consistent with the expected outcome. Studying the layout of the cemetery suggests a range of 1872-1912, well within the expected range.

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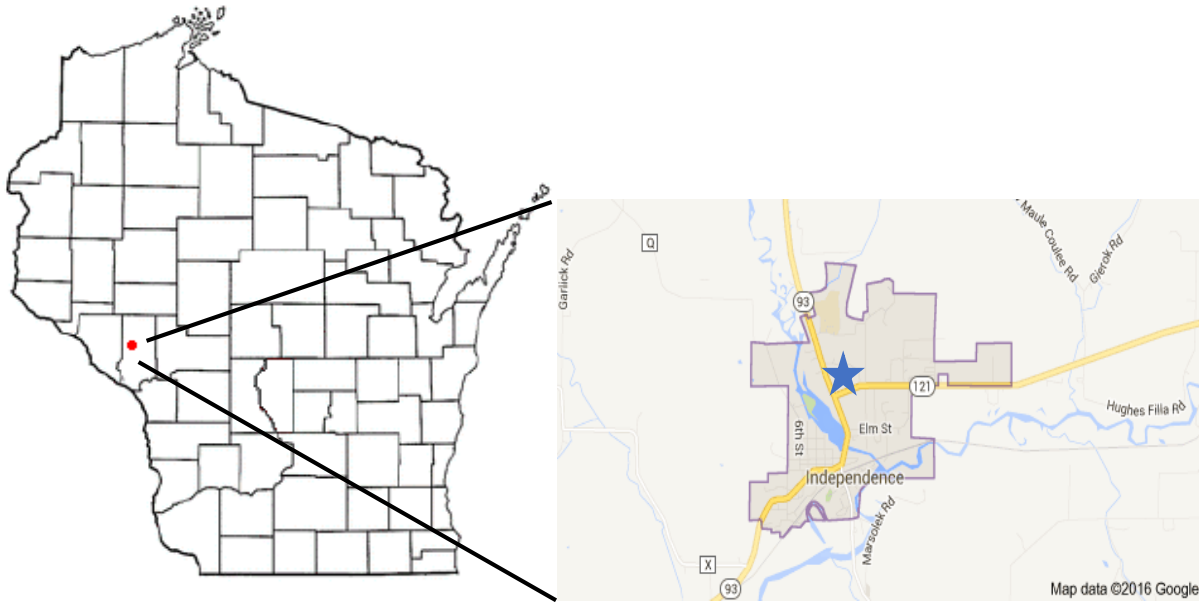
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## Chapter One: Introduction

### Project History

The Saints Peter and Paul Parish is located in the city of Independence in Trempealeau County, WI. The cemetery is affiliated with and on the grounds of the Saints Peter and Paul Catholic Church. The cemetery is located just north of the city of Independence (Figure 1.1).



*Figure 1.1 Sts Peter and Paul Cemetery Location. Cemetery denoted by star.*

This project began as a cultural resource management project in 2010. Commonwealth Heritage Group, then Commonwealth Cultural Resources Group, first investigated the Saints (Ss) Peter and Paul Parish Cemetery in October 2010, as part of the proposed reconstruction of State Highway (STH) 93 (Watson 2011). Parish members expressed concern about the highway project potentially impacting unmarked graves along the highway. For that project, the graves located next to STH 93 were plotted on a sketch map and recorded with GPS technology based on the position and orientation of headstones. No marked graves were identified within the STH 93 right-of-way as of 2010 (Watson 2011).

As part of the cemetery documentation project, interviews were conducted in 2011 with the Ss Peter and Paul Cemetery sexton, Ms. Naomi Wiersgalla, church secretary, Ms. Cherrie Miller, priest in residence, Reverend David Kunz, and funeral director Mr. Keith Edison. These individuals indicated that it was likely that there were unmarked burials on the church property, specifically in the area southwest of the front of the church, between the row of marked graves and the sidewalk along the east side of STH 93, where an iron fence enclosing the cemetery was formerly located. The informants also indicated that unmarked burials might be located in a grassy area northwest of the church, between the walkway and the parking lot. Several long-time members of the Ss Peter and Paul parish recall seeing headstones in the vicinity of two large maple trees in the grassed area between the walkway and the parking lot. There are some community members who recall being told their relatives were buried on the north side of the church where no markers currently stand. The photograph in Figure 1.2 is the only known visual of the north side of the church showing grave markers there. Other community members recall being asked to move old markers when they were young boys, although the details of when or why are no longer recalled. Early burial records for the Ss Peter and Paul Parish Cemetery are incomplete or non-existent, meaning little is known about the unmarked graves.



*Figure 1.2: North Side of Church with Visible Markers c. 1903 (Courtesy of Ss Peter and Paul Parish)*

In 2011, Dan Reid of the Wisconsin Department of Transportation (WisDOT) Bureau of Technical Services (BTS) conducted a ground penetrating radar (GPR) survey in an effort to determine whether unmarked burials were located within the STH 93 right-of-way (Reid 2011). The GPR survey resulted in the identification of several anomalies that based on their locations and depths were assumed to represent unmarked burials. Anomalies were identified southwest of the church, approximately 8 to 33 feet (2.5 to 10 m) east of the sidewalk paralleling STH 93, outside of the WisDOT right-of-way. Additional anomalies, also assumed to represent unmarked burials, were identified northwest of the church, in a grassy area bounded by the sidewalk paralleling STH 93, the church parking lot, and a walkway leading from the parking lot to the front of the church (Reid 2011).



GPR alone may not provide sufficient proof of the presence or absence of subsurface features, so WisDOT contracted with Commonwealth to conduct subsurface testing within the area of potential effect (APE) of the STH 93 reconstruction project to ground truth the GPR data (Watson 2011). Testing consisted of machine stripping in the APE of the STH 93 reconstruction project, resulting in two backhoe trenches to identify potential unmarked graves associated with unknown GPR anomalies. This testing revealed the presence of a retaining wall footer, which was located in an area where several parishioners had indicated that a masonry wall had once stood. The soil profile of the two trenches showed that there are multiple fill zones immediately below the present ground surface in this area. This is visible in the mixed sediments with historic debris (brick fragments, metal, nails, glass, etc.). These fill zones are on top of a buried A horizon and a B horizon, that represent the original ground surface (Watson 2011).

In September 2013, Commonwealth conducted additional archaeological investigations to identify the location of unmarked graves at Ss Peter and Paul Parish Cemetery. The Parish Restoration Committee had initially planned to investigate options for barrier free access into the church building. They were aware of the potential for unmarked graves, so they requested that Commonwealth investigate the area next to the church and later expanded the study area to include an area north and east of the rectory garage. The intention was to identify and document any potential graves within the project area and to collect additional information that might provide insight into the date of the graves and who might be interred.

Again, the archaeological testing consisted of machine-aided excavation (stripping) of trenches limited to an area east of the rectory garage and the north side of the main church building to remove the Ap horizon and fill soils, examination of the stripped surface within the project area as it was machine excavated, shovel scraping with hand tools in the areas of graves,

and mapping of graves when they were identified. The soil profiles again showed multiple fill zones with historic debris, including brick fragments, glass, ceramics, and metal immediately below the present ground surface. These fill zones are on top of a buried A horizon that defines the original ground surface.

During the excavation of the area north of the church building, evidence of grave shafts was noted beneath fill soils in the B horizon. All possible graves within the machine-excavated area were numbered, defined in plan, and had their center points recorded with a GPS device. The entire northern portion of the site was not excavated and no grave shafts were excavated at that time.

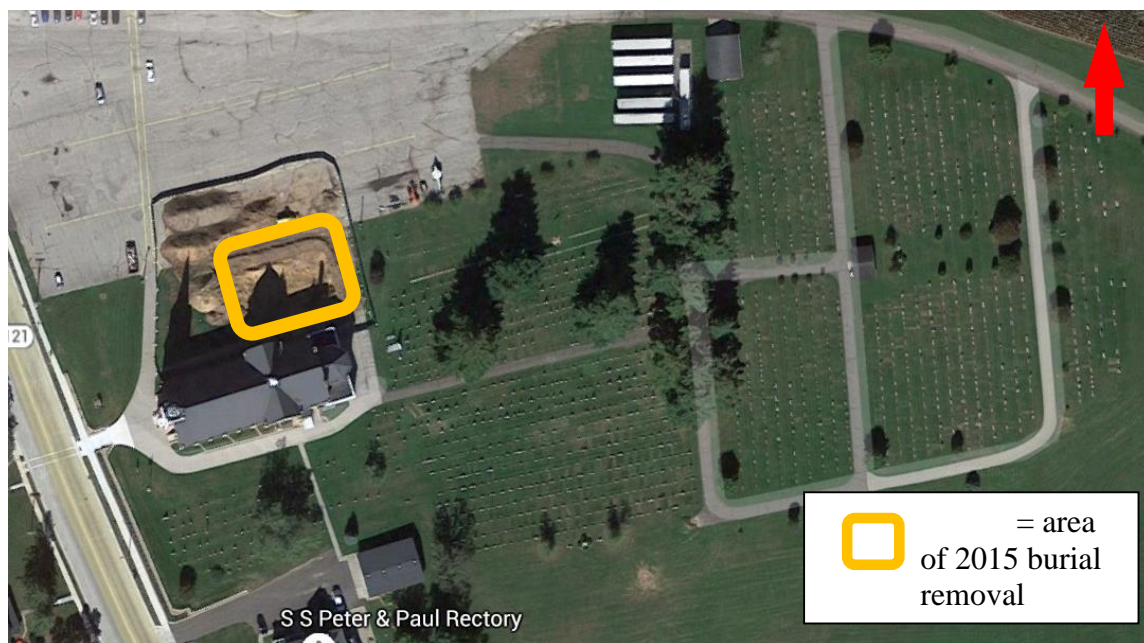
The only cultural materials collected were displaced grave markers from the fill soils above the grave shafts (Kaufmann 2014). These markers were removed from the disturbed fill soils and handed over to the Church in an effort to facilitate identification of some of the individuals buried in the now unmarked graves. Several names of individuals buried in this portion of the cemetery were recovered from the grave markers. However, the names could not be assigned to specific graves because the markers were not in situ. Current priest, Father Woodrow describes the displaced markers as having been found at the end of the open grassy area north of the church, suggesting they were pushed or piled together there (Father Woodrow Pace, personal communication 2016). Although most of the grave markers appeared to be from a displaced context, several large markers appeared in situ and were left in place after this testing. Their locations were marked with GPS and any notations on them recorded.

A total of 124 grave shafts were identified as a result of 2013 archaeological investigations. An attempt was made to infer the general age of the individual interred in the grave, based on the size of the grave shaft. That information was compiled along with an

arbitrary grave identification number (Kaufmann 2014). Given the location of the graves identified, and the potential for additional graves under the sidewalk and driveway, it was recommended that additional archaeological investigations would be required should the church decide to proceed with their construction plans.

In November, 2013, a meeting with interested parish members was held to collect any information about identities of individuals interred in the now unmarked graves. At that time, individuals who attended the meeting, who had some memory of the north side of the cemetery, provided information addressing the identity of individuals buried on the north side of the church. Further, the meeting compiled information about individuals who had funerals at St. Peter and Paul Parish but whose names were not on any extant headstone and a partial list of priests who conducted funerals for parishioners. This list provides a range of deaths from 1873 to 1943. Many children are listed, but adults are as well. Parishioners guess that some of the children on that list were in the graves excavated in 2015.

The Parish Restoration Committee decided to move forward with their plans to create an open access ramp to the church. Commonwealth was contracted to exhume the burials. Work occurred in September 2015 (Figure 1.3).



*Figure 1.3: Map of Cemetery (courtesy of Google Maps)*

The 2015 excavations included 102 grave shafts and two non-burial features. Of the 111 individuals excavated, three were known individuals and were turned over to the county coroner and reburied at the end of excavations. The remaining burials were transported to Commonwealth's office in Milwaukee for analysis. Recovered human remains were analyzed by Dr. Robert Jeske and Mr. David Strange. One of the non-burial features contained human remains likely disturbed by an old water main. Several other burials contained multiple individuals. Two grave shafts were found to contain two coffins each with one individual in each coffin. Two more burials had remains of two individuals in a single coffin, and one burial had the remains of three individuals. The graves included a very young population, with the majority either children less than twelve years of age, or infants at forty weeks or less gestation (Table 1.1).

<b>Skeletal age Category</b>	<b>Chronological skeletal age</b>	<b>Frequency</b>	<b>Percent</b>
Adult-Middle	35 – 49 years	1	0.9
Adult-Young	20 – 35 years	3	2.8
Child	3 – 12 years	11	10.2
Infant	4 months – 3 years	52	48.1
Infant-Perinatal	Birth – 6 postnatal months	18	16.7
Fetal	≤ 40 prenatal weeks	23	21.3
<b>Total</b>		108	100.0

*Table 1.1: Frequencies of Age at Death, Ss Peter and Paul Cemetery (reproduced from Watson et. al 2016)*

The excavation was on the north side of the church. Burials were arranged roughly in rows, with only a few out of line with the rest. Most of the burials were in seven rows, three adults were in an eighth row, separated and further north from the majority of burials. The three adults in the separate eighth row were buried with their heads to the west. The other seven rows were buried with their heads to the north, so that they faced the church (Figure 1.4). A discussion of the layout of the cemetery is provided in Chapter Five.

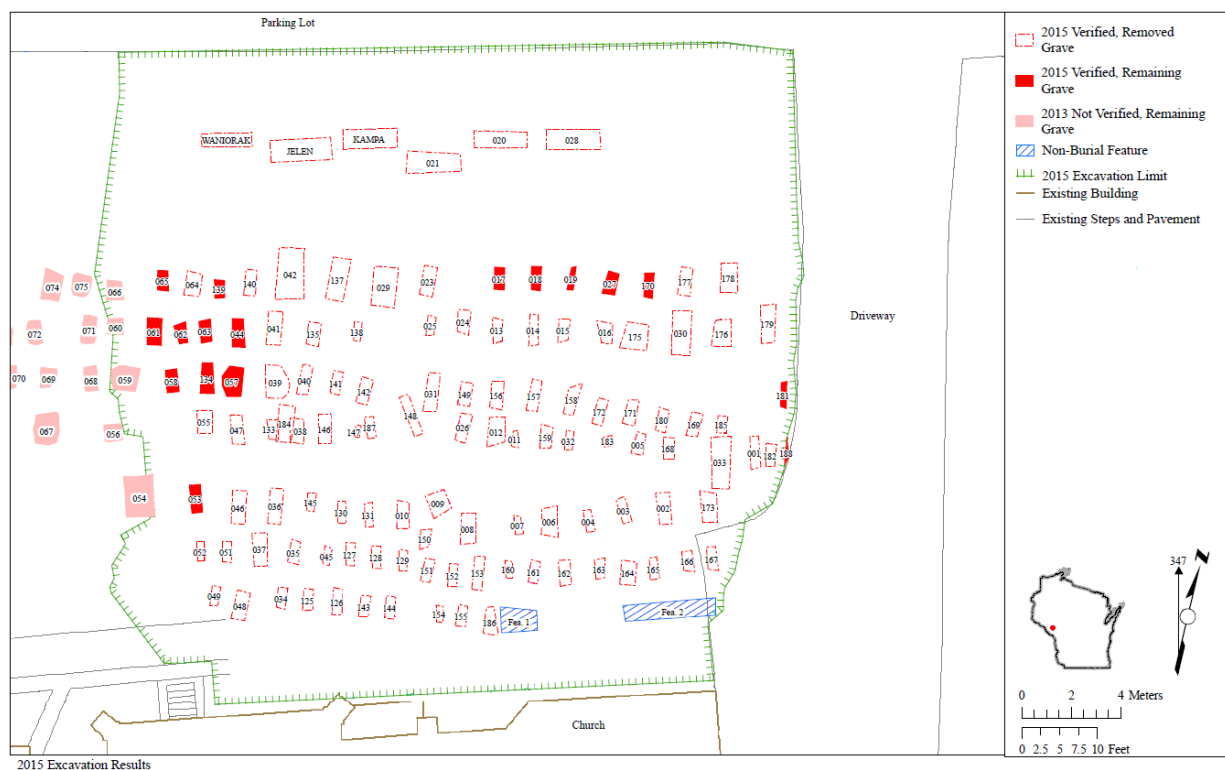


Figure 1.4: Map of Excavated Burials (adapted from Watson, et al. 2016)

## Research Problem

The purpose of this thesis is to examine the temporal indicators of the cemetery to determine if the coffin hardware and associated artifacts present in the burials reflects the expected time of interment. An attempt is also made to determine a more specific timeframe in which burials might have occurred, based on several lines of evidence. The primary focus of this thesis is the study of the coffin hardware recovered from the burials. As Springate (2015) points out, coffin hardware is a unique class of material to study because of its intended purpose. It was made to be buried, and because of this, there would have been very little time between manufacturing and when the item was buried, making it an ideal material class to develop a chronology (Springate 2015). Coffin hardware and associated artifacts are compared to types present in patents and period hardware catalogs to determine their potential dates of manufacture. Ultimately a comparison will determine if the expected dates of use match the types and styles of

materials present in and on the coffins. Additional temporal evidence examined includes the seriation of gravestones in the still existing portion of the cemetery, and an examination of the cemetery layout.

Expected dates of use were obtained from known use dates of the parish cemetery, anecdotal evidence from parishioners, and initial assessments of material performed by field crews during excavations. The existing portion of the cemetery has burials ranging from 1872 to the present. Field Crew estimates of the excavated materials and the memories of community members help to narrow our expectations of a terminus post quem. Based on estimates from community members, the burials in the excavated area took place sometime around 1900. Field crews conducting the excavation gave an estimate of 1890 to early 1900's based on their knowledge of coffin hardware and the presence of both machine cut and wire nails. One individual was identified as an outlier from this time period by members of the community who say he was buried in the 1930's. The construction of a new school on church property in the 1960's seems to mark a point in community memory where there were no grave markers visible in the area under study. As mentioned previously, a community member recalls being asked to move some of the markers when he was young, approximately 1940-1950. Taken as a whole, the expected period of use is 1872 to 1930.

### **Significance of Study**

The presence and use of different coffin hardware and personal artifacts can be examined in the larger framework of the funerary industry, providing further information about the funerary industry and mortuary behaviors in a rural Midwestern cemetery during this time period. Far fewer resources exist on historic cemeteries from the Midwest than other regions in the country, and even amongst those resources, it can be difficult to find comparative examples matching a

certain time period or ethnic group. Edward Bell (1990) compares hardware from cemeteries in states including Texas, North Carolina, Oklahoma, Georgia, Massachusetts, and New York. A huge swath of the Great Lakes and Plains regions are completely absent from this study: this is precisely why this type of study remains important in mortuary studies and historical archaeology. Springate (2015) points out, a universal, or even nationwide, standard typology for coffin hardware does not exist, rather the typologies that do exist are reflective of specific cemeteries. Although this problem holds true for the assemblage presented here, this study can still contribute to the larger field of coffin hardware studies. Each individual cemetery might represent a small snapshot isolated by a certain time period, religious or ethnic identity, or geographic location, but with enough individual studies, a larger picture can be created.

Finally, this study is part of a larger project bringing archaeology and community together. Members of the Ss Peter and Paul Parish are deeply concerned as to why this section of the cemetery was nearly forgotten. Because these individuals were a part of the community, the parish now wants to understand who they were and why they are buried there. Although the work began as a cultural resource management project, the concern of the parish members regarding the history and identity of the individuals buried in this almost forgotten section of the cemetery created an opportunity for archaeologists to work with a community. Studying this cemetery provides a voice for those buried there and facilitates community understanding and healing.



## **Chapter Two: Contextualizing Change in the American Cemetery**

The framework for this study is a contextual approach focused on symbolism. Symbols used in mortuary rituals can also be expressed in the choice and types of coffin hardware present in a burial. By looking at meaning derived from these symbols, we can gain information about the relationship of social structures, identity, and especially attitudes towards death and resurrection (Mytum 2004:9). Changes in symbol use reflect changes in social structure, identity expression, and attitudes towards death and resurrection. Arguably, the easiest to track on a larger scale is the change in attitudes towards death and resurrection. A recognizable shift has been termed “the beautification of death”. Edward Bell (1990:1) describes it by saying, “this Romantic movement idealized death and heaven through ideological, behavioral, and material transformations.” Amy Glover (2009:1) states the beautification of death movement in America lasted from the late 18<sup>th</sup> to the beginning of the 20<sup>th</sup> century. She characterizes the movement as including park-like, perpetual care cemeteries as opposed to church and family cemeteries. The movement also saw an increase in embalming and the undertaking industry to preserve the appearance of an individual for viewing. Other notable inclusions are elaborate mourning rituals, post-mortem photography, and mass-produced, widely available burial containers and hardware.

The symbols seen with the beautification of death vary widely. Bell (1990:57) lists classical, biblical, natural, and Romantic motifs including lambs, oaks, willows, urns, draped columns, and grieving mourners. He contrasts that with symbols from earlier, grimmer views on death including skeletons and hourglasses. The change in symbols helps pinpoint a timeframe for a cemetery. If the symbolism found on the coffin hardware studied here matched the sentiments of the beautification of death, it can narrow the range the cemetery might have been

in use. Additionally, the lack of these symbols would indicate periods either before or after the beautification of death movement. Previous studies allow for a timeline related to this shift in mortuary rituals, which can be used as a comparison to further pinpoint dates from an unknown cemetery. Additional cemeteries sharing a social structure or some aspect of identity (e.g. religion or ethnic affiliation), can provide more points of comparison to determine how symbols are being used and what time period may be reflected in that use.

### **History of American Cemeteries- Changing Ideology**

American cemeteries obviously reflect the beliefs and customs of a vast array of cultures. Although there are varied practices, general histories of cemeteries in America focus on European settlers and decedents and how they have shaped cemeteries in this country. The earliest cemeteries probably resulted from a sudden death necessitating a burial place while subsequent deaths filled in the land around that burial (Kiest 1993). These burial grounds may have been unmarked, or marked with vegetation instead of monuments. These cemeteries were often family burial grounds and were usually filled with rows of burials, expanding the cemetery as needed (Mytum 2004). An example of this type of cemetery can be found approximately five miles north of St. Peter and Paul in a cemetery referred to by locals and the pioneer cemetery (Figure 2.1).

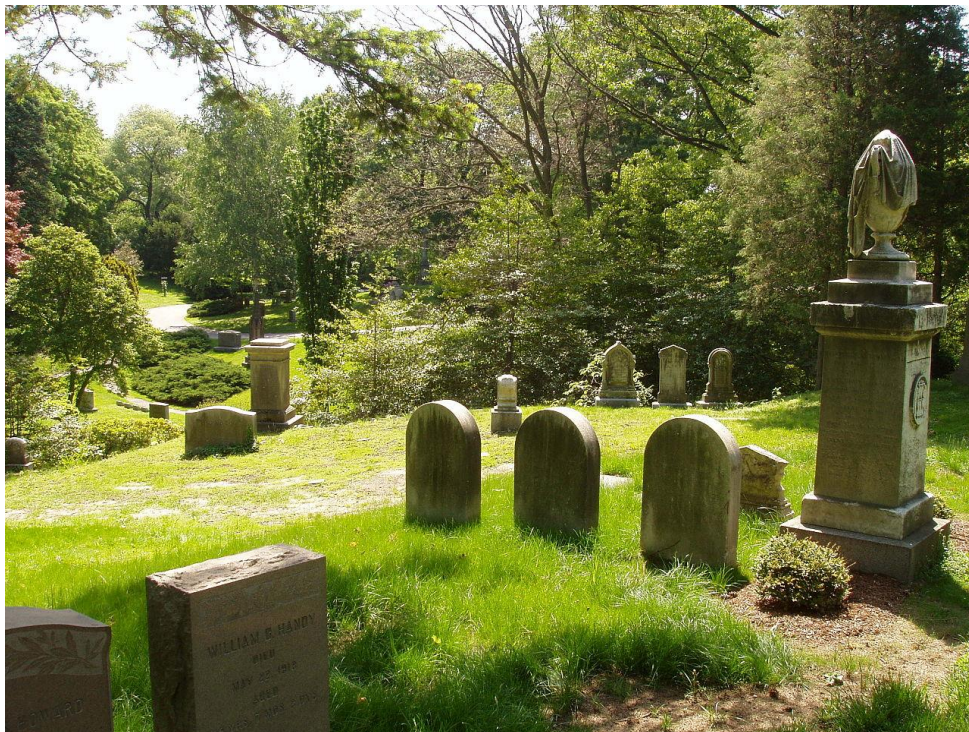


*Figure 2.1: Pioneer Cemetery North of Ss Peter and Paul*

Mytum discusses the transition from these rural cemeteries to more organized forms. He notes different circumstances produced different styles of burial grounds. Larger settlements could use space adjacent to places of worship, while more rural areas continued farmstead burials. Ultimately, this period before the Civil War is characterized by small cemeteries with impermanent markings (Mytum 2004:43). As areas became more densely populated, longer-lasting cemeteries were created, often reflecting different regional styles (Mytum 2004:44). Mytum also notes a general trend of cemeteries founded in the late 19<sup>th</sup> century and still in use today that were located at some focal point such as a church or road junction.

As urban cemeteries began to fill, Mytum notes people's attitudes about cemeteries focused on the less than ideal conditions associated with the overcrowded urban and church cemeteries. Cemeteries were closed, and new ones opened run by local governments or private companies (Mytum 2004: 45). After the overcrowded and potentially disorganized layout in urban areas and church yards, a new style emerged: the Garden or Rural Cemetery. Mytum (2004:50) describes this style as a cemetery that "favored a picturesque and romantic environment,

landscaped and planted appropriately.” These cemeteries had some form of management and sold plots to individuals, families, and associations. Sloane (1991) notes that the Rural cemeteries also saw the rise of the children’s section. These sections paid tribute to the innocent life lost nobly before it was affected by the cruel world. They also provided space if a family did not have a plot of their own and suddenly lost a child; the family could reinter them in the family plot at a later time (Sloane 1991). Rural cemeteries facilitated the romantic ideals of the time: they were peaceful, quiet, and removed from the hustling, dirty daily life (Sloane 1991). Mount Auburn Cemetery is a well-known rural or garden cemetery in the United States. Figure 2.2 below shows the variety of monument styles, varied plantings and winding pathways common to rural or garden cemeteries.



*Figure 2.3: Mount Auburn Cemetery (courtesy of Wikipedia)*

The American funeral industry began its rise sometime during rural and into park-lawn cemeteries. Professions developed from cabinet maker (coffin maker) to “layer out of the dead” to coroners and sextons (Bell 1990). Sometime one person in town might do all those things.

New manufacturing techniques allowed for a much easier production of cheap and decorative hardware, resulting in a rapidly growing industry surrounding death.

Park-lawn cemeteries were the next style. Mytum (2004:51) notes they are the most common choice of cemetery by the mid-19<sup>th</sup> century. This style of cemetery became more organized with more efficient designs and more uniform appearances with neat rows with nearly identical family markers (Sloane 1991). At this time, the funeral industry also began to grow. Decorative changes are visible in monuments after mechanized production. Sloane also states that “This movement also coincided with the distancing of most Americans from death with the development of public hospitals, professional funeral management, and other aspects of twentieth-century process of dealing with death” (Sloane 1991:2). We can see the continued rise of the professional funeral industry as Americans shift away from a romanticized view of death. Sloane (1991) describes a desire to distance themselves from death, at least on the part of those born in America. He notes that immigrants were resistant to park-lawn style cemeteries, preferring their old world practices.

Sloane describes three major categories of cemeteries in 1900. Ethnic, radical, and religious groups tended to prefer cemeteries with headstones, individual, and family markers: a record of their families. Secondly, he describes recent immigrants and native-born Americans as preferring rural style cemeteries. Finally, the park-lawn cemetery became popular in urban areas. These groups clearly have the potential to overlap, illustrating diverse types of cemeteries that can be found throughout the United States.

Some of the desires spanning different groups are reflected at the Ss Peter and Paul cemetery. The Saints Peter and Paul cemetery is a church graveyard that does not match strictly with the format changes seen in secular cemeteries. Representing a fraction of the time period

discussed above, it still differs from its contemporaries. This cemetery is governed by the church and follows religious regulations. It is a rectilinear arrangement throughout, although the direction of the rows changes. The Saints Peter and Paul cemetery fits closest with the ethnic and religious cemeteries Sloane describes. However, there are no family plots. The lack of scenic winding paths and picturesque landscapes seems to rule out a rural or garden cemetery. Past landscaping may no longer be evident in the cemetery now. A further discussion of the cemetery layout is presented in Chapter Five.

Although the Saints Peter and Paul cemetery may differ in layout from a recognized style of cemetery, the people selecting coffins and their associated hardware would still have been subject to the same changing ideals reflected in those types of material culture. The beautification of death movement reflects these changing world views. Victorians experienced a growth in commerce, technology, and population that seemed at odds to past puritanical doctrines. Bell suggests new mortuary trappings and practices served not only as a way to grieve a loved one, but also as a way to grieve a way of life their fast paced world no longer allowed. Snyder explains that, increasingly, the business realm, often the man's realm, was depicted in Victorian literature as a realm of greed, immoral and impersonal people. The home and family, especially children, then were viewed in the opposite light. Heaven became a domestic haven (Bell 1990) and the children were seen as pure, unblemished, innocent, and close to nature (Snyder 1995). This view of children is seen in the symbols used around them. Snyder says, "The pairing of a child with a lamb, a form that appears in fairly stock forms in many rural cemeteries, also expresses the particularly nineteenth-century vision of the child as close to nature. Nature, by the mid-nineteenth century, had become associated with peace and virtue in the face of an urbanizing nation. The child- lying down with the lamb- expresses an affinity of

which only he or she, in their young, unmarred state, was capable. Portraying the babe so closely allied with the natural once again pointed to the disparity between the child and the overcivilized world created by adults that was increasingly removed from nature.” (Snyder, 1995).

The Sts Peter and Paul cemetery should hold some reflection of these symbols, especially since the graves under study here are those of children. Although the outward appearance of the churchyard may not have contemporary secular cemeteries, the dominant ideas of the time would be represented on the coffin trimmings simply because a finite amount of styles were produced. There certainly could have been considerable overlap because the innocence of children symbolized through nature and lambs corresponds with Christian symbols. This suggests that although the meaning may be slightly altered by the social values of the individual cemetery, the commercial funeral industry could produce ornaments and hardware to satisfy multiple groups without having to create more styles than they could afford.



## Chapter Three: Independence Town History and Ss Peter and Paul Church History

### Town History

Independence took its name from the United States centennial celebration the year the village was created in 1876. The Green Bay and Western (formerly the Green Bay and Lake Pepin) railroad proposed plans to build into the Trempealeau Valley in 1873 (Figure 3.1).

After debate on the proposed depot location, a spot between Elk Creek and Travis Creek was chosen when appropriate funding could be procured. Land was surveyed, and in May of 1876, Independence was created. In 1885, the township of Independence was incorporated, and Independence became a city in 1942.

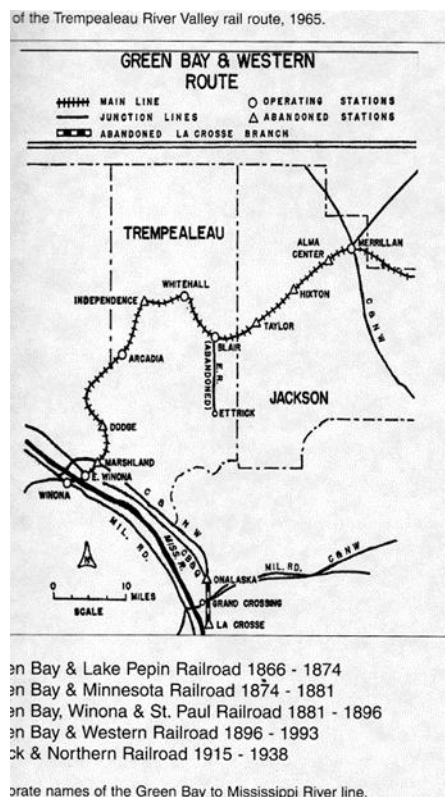


Figure 3.1: Green Bay and Western Railroad Map (*Independence News Weekly*)

Not much information can be obtained about undertaking or the funerary industry in early Independence. The *Independence News Weekly* records date back to 1878 and can be accessed on microfiche at the Independence Public Library. In the 1878 newspapers, several furniture



makers are advertised. Furniture makers were typically the early producers of coffins and sometimes sold trimmings to accompany the coffins, known as coffin furniture. The first furniture maker advertised in Independence is J. W. Runkel (Figure 3.2).



*Figure 3.2: J.W. Runkel Newspaper Advertisement 1878 (Independence News Weekly March 1878)*

J. W. Runkel additionally served as village president from 1904-1908 (Gammroth 1976). In 1909 he sold his business to M. P. Melzarek (American Carpet and Upholstery Journal 1909). According to a 1979 letter from M. A. Wiemer, Charley Gibson had to do a significant amount of work for M.P. Melzarek once the embalming laws went into effect. Martin and Bess Wiemer bought the funeral home in 1927. Several shares were sold to Leonard Kern and Peter E. Marsolek. Leonard and Phyllis Kern purchased the business in 1960 when it was known as M. A. Wiemer & Co. The business stopped producing furniture in 1979. After becoming an assistant in 1980, Keith Edison and family purchased the funeral home in 1982 and currently operates the business (Edison Funeral Home 2016).

One other furniture maker is advertised in 1878 as a producer of coffins. M. P. Philippi advertises many of the same goods (Figure 3.3). No additional information could be found about him.



Figure 3.3: M.P. Philippi Newspaper Advertisement 1878 (*Independence News Weekly* April 1878)

### Church and Cemetery History

The Saints Peter and Paul parish represents the Polish population of Independence. The people here were immigrants from the region of Silesia and considered themselves Polish although that town was at times part of Germany (Gammroth 1976). Both Polish and German language can be seen on the older headstones in the existing cemetery. In the 1850s, Albert Bautch, his wife Josephine Bautch, his son John L. Bautch, brother Lawrence, and brothers-in-law Peter Sura and Leopold Kachel emigrated from Popielow, Poland to Wisconsin. In 1869 or 1870, they moved to Trempealeau County, to the village of New City in the Town of Burnside. This area is now the city of Independence. Lawrence Bautch and Peter Sura are credited with convincing many others from Popielow to settle in the same area (Gammroth 1976). The parishioners met in the home of Peter Sura for church services from approximately 1869 to 1873. The first burial of a parishioner is believed to have taken place in 1872. The parish was

considered formally organized in 1869 when George H. Markham and his brother Arthur sold a five-acre site and donated five more acres to the parish for the construction of a church (Gammroth 1976). Bishop Michael Heiss of the La Crosse Diocese dedicated the first white-frame church on October 7, 1875 (Figure 3.4). The centennial book published by the church notes that 1877 was the year with the most recorded deaths (Ss Peter and Paul Congregation 1975). Church records do not indicate the care or construction of the cemetery alongside the church.



*Figure 3.4: Dedication of Church October 7th, 1875 (Ss Peter and Paul Parish Publication 1975)*

The parish was part of a mission of St Michael's church in North Creek until a rectory was built in 1883. The first priest was Reverend Hieronymus Klimecki, followed by the first resident pastor, Reverend A. Warnagiris when the rectory was completed (Saints Peter and Paul Congregation 1975). Reverend Raphael Tomaszewski followed in 1885, and the first parish school was built under his leadership (Figure 3.5). The building next to it is not labeled, but it may be the rectory that was completed in 1883. Their location in relation to the white frame church is unknown.



*Figure 3.5: 1887 School Building (Ss Peter and Paul Parish Publication 1975)*

Reverend R. L. Guzowski came to the church next in 1888. A second rectory was constructed and the previous one was used as a convent for the teachers, the sisters of St. Francis (Saints Peter and Paul Congregation 1975). Father Babinski came to the church in 1890. The current brick structure was started in 1895 and dedicated in the fall of 1896. During Father Babinski's time, a new brick home for the sisters was also constructed (Gammroth 1976). Its location is described as being across from the church, and 1901 plat maps show a church owned property across what is now STH 93.

Father Andrew W. Gara came to the church next. During his tenure, the church was expanded to this size it is today. This expansion was completed in 1908 and made Ss Peter and Paul one of the largest churches in the La Crosse Diocese. Also during his time, a new school was constructed in 1903 (Saints Peter and Paul Congregation 1975). The local newspaper printed a design for the school in May of that year (Figure 3.6). The exact completion date was not covered in the paper since it likely coincided with a tornado that hit the town, causing extensive damage. This school house was torn down after a new school was constructed and shortly before

the church published a centennial celebration book. The current church rectory was also completed under Father Gara.

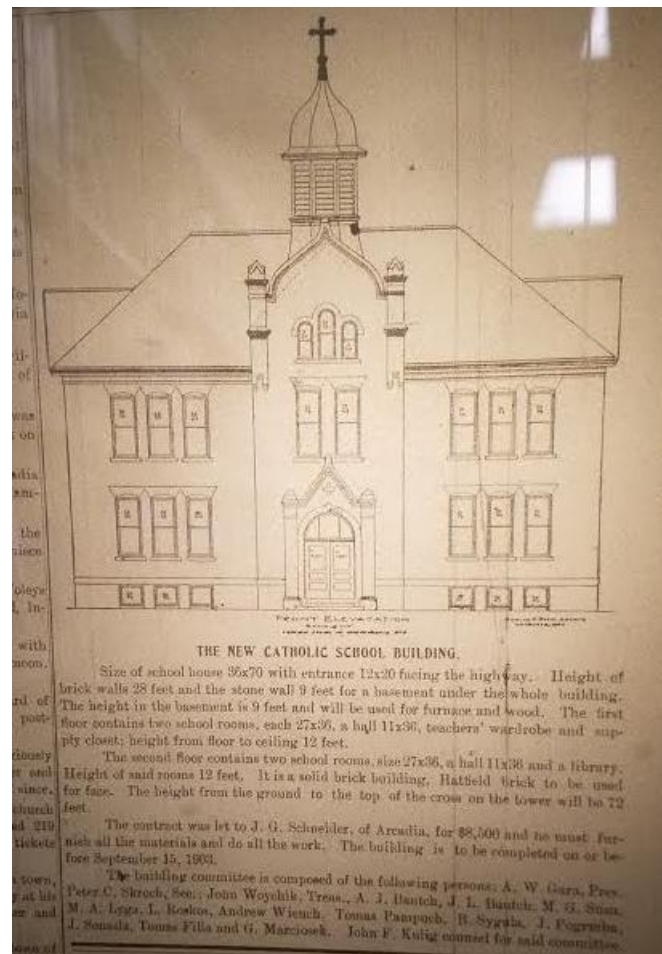


Figure 3.6: Drawing of 1903 School in Newspaper (*Independence News Weekly* May 1903)

Reverend Edmund Klimek came to Ss Peter and Paul church in 1961. He is best known for leading the fund raising for the current school. Fundraising began in 1962 and the school was completed in 1968 (Saints Peter and Paul Congregation 1975). Also during this time, the church exterior was redone and a stone wall was added in front of the church and rectory. Additional land was purchased by the parish in 1962 and again in 1974. This land was used as an addition to the existing cemetery.

The town of Independence, with its beginnings as a railway hub, saw many opportunities for change and growth. The railway could bring people and goods from all across the country.

The town grew as new people, commodities, and ideas were brought to the town. The Ss Peter and Paul Parish would have witnessed these changes as well. New clergy members brought different ideas and plans to the church. The parish grew as related buildings and schools were built, improved, and redone. Each new leader and project represents the ideas and beliefs of their time period. It is important to consider changes like these in the church and community because they are a reflection of a specific time period.



## **Chapter Four: Material Culture**

### **Methods**

All recovered materials were brought back to Commonwealth's Milwaukee office for cleaning and analysis. Coffin hardware and associated artifacts were analyzed by the author. The analysis of artifacts associated with burials is focused on two classes of materials: mortuary, or coffin hardware, which includes items used in the manufacture of the coffin (e.g., handles, hinges, screws, nails); and personal effects/grave inclusions, which include items placed with the body inside of the coffin (e.g., clothing, buttons, jewelry, religious items). In this study, focus is placed on the coffin hardware recovered during excavation. Personal items represent a much smaller class of material and are discussed in terms of usefulness in dating burials. Religious personal items were not useful for dating and are not discussed here. Nail samples recovered in the field were counted by full nails represented or by nail heads present to gain a representation of the sample size from fragments. Coffin size and shape were analyzed using field photographs and crew descriptions. Recovered items were inventoried and their design attributes and size were recorded. The analysis of coffin hardware generally follows the approach developed by Davidson (1999, 2004) and utilized in subsequent studies of historic cemeteries (Pye 2010, 2011; Theil et al. 2013), which combines information from patent records, and period hardware catalogs in the development of a chronology of the most temporally diagnostic classes of mortuary hardware. For each new form/style or combination of elements and designs present in an artifact, a new variety was designated. Items that contain elements of previous varieties in a new combination were given a new variety number. Size variation is noted with a numerical suffix (Variety 1 vs Variety 1.1). Thus, if a particular type of coffin handle is designated Coffin Handle Variety 1, then the next coffin handle identified with even the slightest difference in

design motif is assigned a new variety number (Coffin Handle Variety 2) (Pye 2010).

Photographs of hardware and personal items discussed in this chapter can be found in Appendix B.

### **Hardware Analysis**

Analysis of the historic burial container hardware and personal effects recovered during excavations at the Saints Peter and Paul Catholic Church is presented here. One hundred and two grave shafts and two features were identified and excavated. Material remains were recovered from each burial and are analyzed here. A table of the recovered artifacts listed by burial can be found in Appendix B. In the following sections, some photographs are shown as examples of certain types of hardware. Photographs of every artifact variety can be found in Appendix B.

Both utility and design patents were researched to better understand the material culture of nineteenth and early twentieth century coffin hardware. Five hundred and ten patents were found relating to coffins, coffin screws, escutcheons, handles, grave markers, and coffin studs. Many design similar to those at Ss Peter and Paul were found, but no exact matches were made. Additionally, coffin and coffin hardware catalogs were consulted. Many of the items found at Ss Peter and Paul could be seen in the thirty-three catalogs that were studied. Not every variety of artifact was represented by an example from a hardware catalog. Representative examples were found in catalogs ranging from 1875 to 1918.

### *Burial Containers*

It is likely that all the individuals buried at the Saints Peter and Paul cemetery were interred in coffins or caskets. Some were as simple as plain wooden boxes, while others were cloth covered, painted, or adorned with decorative hardware. Davidson (1999) provides a



discussion of the transition from coffin to casket, settling on a date range of 1860-1870 for the eastern United States. As Davidson points out, the transitional period is not clear for the rest of the country. Coffins are considered to be the hexagonal form burial containers, with their widest points typically at the shoulders of the individual. Caskets are usually rectangular, but the main requirement is parallel sides (Davidson 1999:151-152). Both of these, plus a third form were seen at Ss Peter and Paul. The third form is a tapered coffin with the widest point at the head and tapering towards the feet. Davidson (1999) notes this form can be found in some cemeteries, including in New Orleans. As seen earlier, J.W. Runkel, furniture and coffin maker in Independence, advertised coffins in the 1878 newspaper, and both coffins and caskets in the 1903 newspaper. 1903 may not be the exact year of introduction, but the advertisement suggests a general date for the introduction of caskets at the Ss Peter and Paul cemetery. Caskets were the most common form identified in the cemetery (n=62), followed by tapered forms (n=14), and coffins (n=10). Seventeen burial containers were too degraded to determine their shapes.

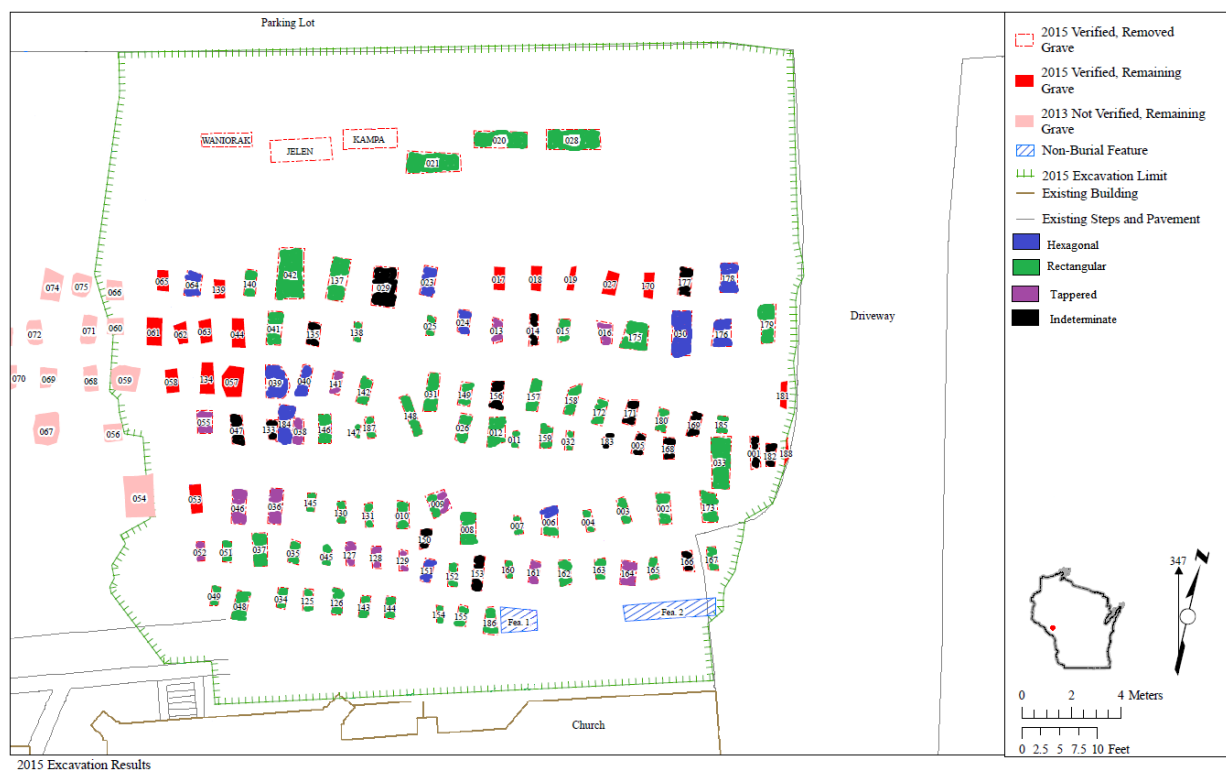


Figure 4.1: Distribution of Burial Container Shapes

Figure 4.1 shows the distribution of burial container shapes in the excavated area. It can clearly be seen that rectangular burial containers are the most common form and they appear across the excavated area. The three outlying burials in the north are thought to be from the end of the burial timeframe, meaning they could be expected to be rectangular in shape. It also would appear the center of the excavated area and the row closest to the church have the most rectangular burial containers. This could suggest these areas were later burials, perhaps after 1900, but it cannot be stated for certain.

### Nails

Nails were an essential part of burial container construction. Three types of nails were used in the nineteenth century to varying degrees in different regions: hand-wrought, machine cut, and wire nails. The burials examined here contained machine cut and wire nails. Cut nails were introduced around 1800 (Davidson 2006 115-116). The introduction of the wire nail

caused a decrease in use of cut nails. Pye cites several sources placing the introduction of the wire nail into the funerary industry between 1890 and 1900 (Thiel, et al. 2012:59-60). Pye also points out that although wire nails became more popular, machine cut nails continued to be present in funerary catalogs into the twentieth century (Thiel, et al. 2012:60). A sample of the nails represented in the cemetery is provided in Figure 4.2.



*Figure 4.2: Machine Cut Nails (Left) and Wire Nails (Right)*

All burials and features examined here had nails present. Fifty-nine burials produced wire nails and machine cut nails were recovered from forty burials. Seven burials produced a mix of wire and machine cut nails. Many of the recovered nails were fragmented and corroded. The nails were counted based on the presence of complete nails and nail heads to determine an estimate of actual number of nails collected. Complete nails were also measured. Figure 4.3 shows the distribution of nail types in the excavated area. Machine cut nails have the highest concentration in the center rows of the excavated area. This could suggest these rows were the first to be buried. However, this seems to contrast with the burial container shapes shown in Figure 4.2. Although neither nails or burial containers can provide a definite date, we might expect to see wire nails on the rectangular burial containers because they have a similar

introduction period. Figures 4.1 and 4.3 show there is not a correlation between burial container shape and the type of nails used in their construction.

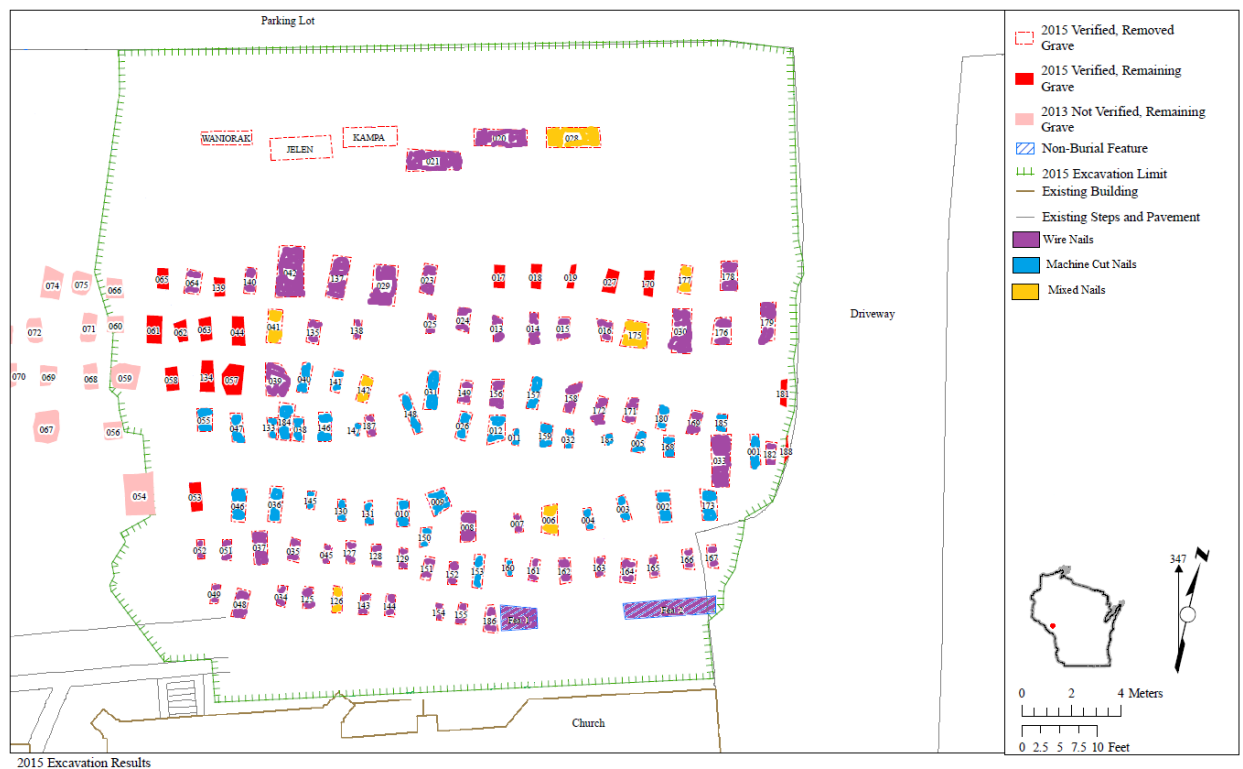


Figure 4.3: Distribution of Nails

Tacks and screws were occasionally recovered from the Saints Perter and Paul burials. Screws were sometimes attached to other hardware (handles or thumbscrews), but occasionally found separately. One burial contained a screw with a loop on top. Its function is unknown.

Additional hardware was recovered from the burials at Saints Peter and Paul, but the examples were too degraded to produce a sufficient variety list for them. Several hinges were recovered. One type of hardware encountered was screws with hollow metal pipping wrapped around them (Figure 4.4). The pipping was often bent. It is suspected these were used as corner braces on the coffin. Hardware catalogs show metal pieces manufactured for this purpose, but it is likely these could be used as a substitute for corner plates or corrugated metal joiners. They also could substitute the process of kerfing in the production of coffins by joining smaller wood

pieces instead of bending larger ones. Period coffins available through online antique dealers show corners joined with similar hardware. These pieces could be used to join headboards and sideboards, or shoulder joints on hexagonal coffins (Thiel, et al. 2012:65). Coffin preservation at Ss Peter and Paul was poor and manufacturing techniques were not discernable from the remaining coffin wood.



*Figure4.4: Screws with Metal Piping*

Latches were found in several burials. Their form is unclear due to corrosion of the ferrous material. The examples found in the Saints Peter and Paul cemetery appear similar to some patents for top fasteners shown in Pye's report on the Court Street Cemetery coffin hardware (Thiel, et al. 2012:70-73). The latches in the Saints Peter and Paul cemetery are in two parts. One part is made of a larger rounded rectangle and has two long nails through it. The other piece is smaller half circle with short nails.

#### *Coffin Handles*

Handles on burial containers serve as a way to carry the container from home to gravesite or in and out of transportation. In this assemblage, 20.75% of burial containers had handles. A total of 96 handles were recovered from 22 burial containers in 21 graves. It is likely other 81 grave shafts did not have handles. The recovered handles were grouped into 21 different handle

varieties. These varieties are encompassed in three distinct handle forms: single lug swing-bail, double lug swing-bail, and double lug short bar (Table 4.1)

Handle Form	Handle Count	Varieties in Form	Percent
Single Lug Swing-bail	42	10	47.6
Double Lug Swing-bail	39	7	33.3
Bar Handle	15	4	19.01
Total	96	21	100

*Table 4.1: Handles: Forms, Counts, and Varieties*

Single lug swing-bail handles compose 10 of the 21 handle varieties. Double lug swing-bail handles make up seven of the 21 handle varieties. Bar handles make up four of the 21 handle varieties. Of the burials at Ss Peter and Paul that had handles, only two burials had more than one variety of handle. This suggests handles would have been sold in sets. One of the two exceptions is a burial with two similar varieties of handles (three of one variety and one of a second were present). This may have been an instance where a close style was sold as a substitute to make a set. The second exception came from a burial that had one variety of handle on the coffin and another variety on the wooden box the coffin was inside.

Swing-bail handles have two basic forms: single lug and double lug (Figure 4.5 and Figure 4.6). The lug is the component of the handle that is attached to the coffin with screws. The bail is the grip portion of the handle and is typically “U” shaped with a pin formed in the center or at each end to attach the bail to the lug. Single lug handles have one point of attachment on the coffin and double lugs have two. Davidson (2004) suggests single lug handles were more common on children’s coffins into the 1950’s (Davidson 2004), although Pye suggests it is the motifs on the handles not the handle styles that are most common (Thiel, et al. 2012:73). The Ss Peter and Paul assemblage contained more single lug swing-bale handles than

any other type and these were present on burials containing children. The most common motif on the single lug swing-bale handle was a lamb (Figure 4.5).



*Figure 4.5: Single Lug Swing-bale Handle from Ss Peter and Paul*



*Figure 4.6: Double Lug Swing-bale Handle from Ss Peter and Paul*



Double lug short bar handles have significantly more parts than a swing-bail handle. Parts include: two lugs, two lug arms, two separate socket pins, a bar, and two tips on the ends of the bar (Mainsfort and Davidson 2006:123). Pye suggests this type of handle can be found in patent records as early as 1869, in catalogs as early as 1871, and growing in popularity from the 1880's into the twentieth century (Thiel, et al. 2012).



*Figure 4.7: Short Bar Handles from Ss Peter and Paul*

Figure 4.8 shows the distribution of the three handle forms throughout the excavated area. The majority of burials with handles are in the northern half of the excavated burials. This could suggest a possible division of time ranges within the expected period of use. Further sections will explore how other types of coffin hardware fit within this pattern,



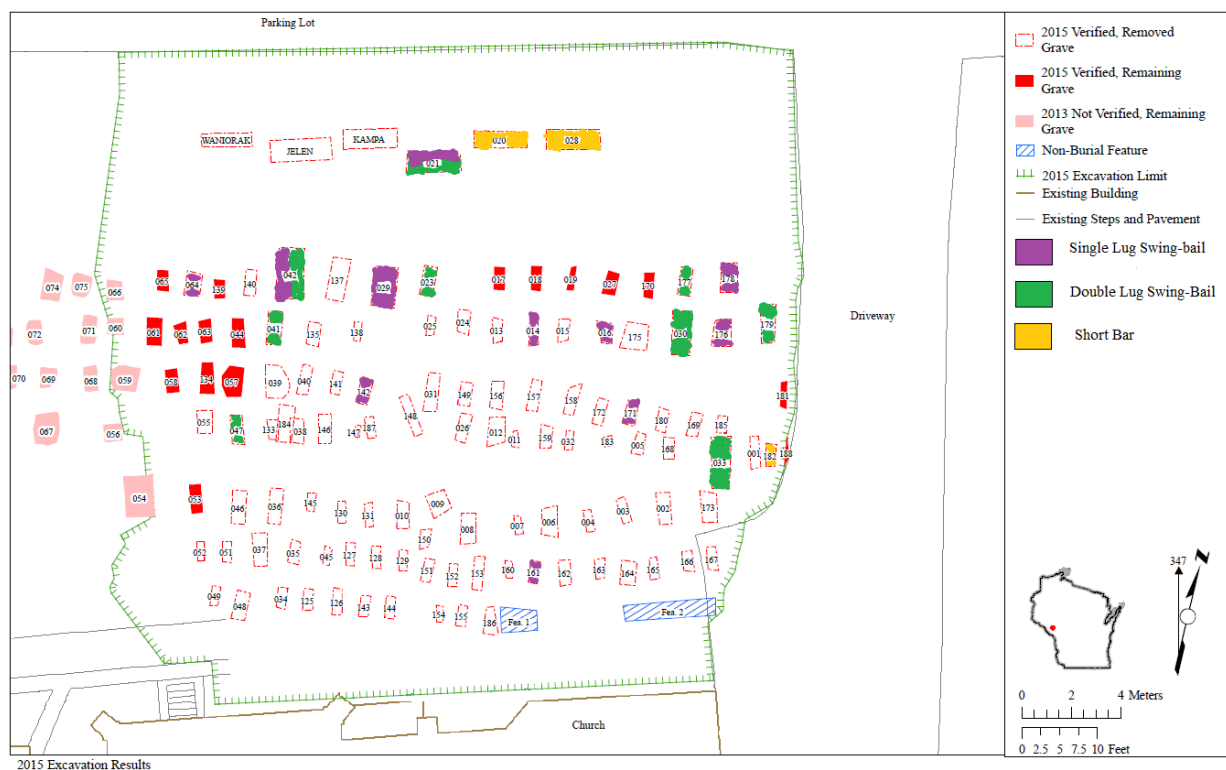


Figure 4.8: Distribution of Handle Forms

*Handle Variety 1:* Handle Variety 1 was found in Burial 064. It is a small single lug swing bale handle made of white metal. The main design features a lamb with a sunburst design behind it. The sunburst alternates points and rounded edges mimicking a crown; the points are filled-in with stippled design and floral design, rounded edges have a floral design, and the sunburst is smooth. The lamb has a fleece like pattern and is resting on a smooth flat rectangle. Under the lamb is a bell with a floral design under it. Although the bails swing, they extend straight down from the bail. The parts extending down resemble pillars. The handle has floral/leaf motif (possibly a daisy) with decorative ends. The bail has number 192 on back and the handle has number 47 on each downward piece. The longest part of handle is 3 ½ inches. The widest part of bail (under the lamb) is 2 inches. The entire height of the handle is 2 ½ inches. A similar style of handle was found in the 1896 Chicago Coffin Company catalog.

*Handle Variety 2:* Handle Variety 2 was found in Burial 047. It is a double lug swing bale handle made of white metal. The lugs are shaped like trefoil crosses; the attachment part has an almost willow like design with an unknown shape above it. Handles are U shaped five sided. Decoration on handles includes parallel lines with dots in between, corners have decorative bands, the center has a larger bead like shape with lines on it, three leaf like designs come off each side of the bead shape. A similar handle was found in the Taylor HE catalog of 1875.

*Handle Variety 3:* Handle Variety 3 was found in Burial 182. It is a short bar handle. The tips and brackets are made of a plated metal. No handle portion is present, but the tips show remnants of wood. The brackets have a ribbed, shell like design but are largely fragmented. The tips have ribbed and swirled designs with raised dots. The ends have a button shape to them and the tips narrow towards the part where they meet the bracket. Measurements were not recorded due to extremely fragmentary preservation. The backs of the brackets have markings that may read ELGIN.

*Handle Variety 4:* Handle Variety 4 was found in Burial 161. It is a small single lug swing bail handle made of white metal with a lamb motif. The lamb sits on a rectangular platform decorated on the underside with lines. Behind the lamb are seven long rays (shaped like neck ties) filled in with shorter rays. Below the lamb's platform is a plant like shape with five leaves and dots between the leaves. The handle is U shaped and wider than the lug; it bows back in to meet the lug. Decorative lines follow the shape of the handle and two tassels hang off the edge of the handles. The widest part of the handle is  $2 \frac{13}{16}$  inches, and the tallest part is  $2 \frac{3}{4}$  inches. A similar handle was found in the Taylor HE catalog of 1875.

*Handle Variety 5:* Handle Variety 5 was found with Burials 023 and 177. Burial 023 contained only a single lug from this variety. It was a double lug, swing bail made of white metal. The

lugs are shaped as trefoil crosses. The edges of the cross are raised and the background of the cross has a cross-hatching pattern. The short arms of the cross have a small sunburst and a heart like design near the center, while the longer portion has a sunburst and a vine like pattern extending towards the center. The center of the lug is shaped like an altar with an open book on top. The handle is U shaped with a floral pattern emanating from each bend of the U. The center is a ruffled band with a leaf-like pattern coming off it. The handle is three inches wide; each lug is 1  $\frac{3}{4}$  inches wide and 2  $\frac{1}{4}$  inches tall. These handles match an example from the 1908 Mound Coffin Company catalog (Thiel et al. 2012:75)

*Handle Variety 6:* Handle Variety 6 was found in Burials 029 and 178. It is a single lug swing bail handle made of white metal with a lamb motif. The lamb sits on a platform decorated with diamond shapes and a plant like pattern with a radiating design behind it. Under the platform is a drop shape bordered with lines; in between the lines is a basket-like pattern. The handles have a rope and tassel design on each side with one side longer than the other, the handles have three lines coming off the lug and a cluster of dots in the center of each handle, at the widest the handle is 2  $\frac{3}{4}$  inches and 2  $\frac{1}{2}$  inches tall

*Handle Variety 7:* Handle Variety 7 was found in Burial 178. It is a single lug swing bail handle made of white metal with a lamb motif. The lamb sits on an undecorated platform with a radiating design behind it. Under the platform is a drop shape bordered with curled lines. In between the lines is a pattern of horizontal lines. The handles have a rope and tassel on each side with one side longer than the other. The handles have three lines coming off the lug and a cluster of dots in the center of each handle. At the widest the handle is 2  $\frac{3}{4}$  inches and 2  $\frac{1}{2}$  inches tall. A similar handle is found in the Sargent Company catalog in both 1871 and 1874.

*Handle Variety 8:* Handle Variety 8 was found in Burial 016. It is a single lug swing bail handle made of white metal with a lamb motif. The lamb has a radiating design behind it, and sits on a platform decorated with daffodil. Under the platform is an inverted bell shape with a clam shell-like design. The handles have a rope and tassel on each side. The handles have an oak leaf on the center of the handle with line and dot decorations coming from that point. A cross-hatch pattern is present on the curving parts of the handle. At the widest the handle is 3 ¼ inches and 3 ¼ inches tall. This handle variety is found in three different catalogs: Columbus Coffin Company in 1882, Harrisburg catalog of 1885 and the Chattanooga Coffin Company catalog of 1905.

*Handle Variety 9:* Handle Variety 9 was found in Burial 171. It is a single lug swing bail handle made of white metal. The lug is the same as Handle Variety 1. The main design features a lamb with a sunburst design behind it. The sunburst alternates points and rounded edges mimicking a crown; the points are filled-in with stippled design and floral design, rounded edges have a floral design, and the sunburst is smooth. The lamb has a fleece-like pattern and is resting on a smooth flat rectangle. Under the lamb is a bell with a floral design under it. The handles bow out before curving back under the lug. There is a band around the center of the handles with three horizontal lines extending outward from it. A hinge-like design marks the place where the parts of the handle change direction. The handles are three inches wide and the handle and lug are 2 ¾ inches tall. A handle similar to this is found in the Chicago Coffin Company catalog of 1896.

*Handle Variety 10:* Handle Variety 10 was found in Burial 041. It is a double lug swing bail handle made of white metal. The lugs are diamond shaped with three rectangles cut out of each side. There is a raised border around the edge of the lug, and a vine and leaf pattern decorates the face of the diamond shape. A raised box houses the lug and has a diamond on the front. The

back of each lug has “662” on it. The handle consists of two triangular pieces coming from the lugs and a straight bar. The triangular pieces have embossed lines on them, the straight bar has pinecone like shapes on the ends with a dotted band at the end. There is a decorative band where the vertical portions meet the bar part of the handle, although they are too eroded to determine the design. The center portion of the bar has an unidentified flora design on it, and the back of the bar has “560” on it. The handle is  $4 \frac{13}{16}$  inches wide and  $2 \frac{1}{8}$  inches tall. A similar handle is found in the Columbus Coffin Company catalog of 1882.

*Handle Variety 11:* Handle Variety 11 was found in Burial 142. It is a single lug swing bale made of white metal. There are two screw attachments. The lug and bracket have a series of three curtains and two tassels in the center. The lug is a long flat shape and a long sash forms a draped pattern over the lug and bracket. The sash has a pattern of bunched fabric; the end of the sash looks like fringed fabric. The back of the lug and bracket has markings “\_\_ 88”. The first two blanks could be 1’s or 7’s or L’s or I’s. The handle is U shaped and has diagonal lines on it. The widest portion is four inches and the total length including grip is  $1 \frac{7}{8}$  inches.

*Handle Variety 12:* Handle Variety 12 was found in Burial 030. It is a double lug swing bale handle made of white metal. Two screws attach each bracket/lug to the coffin. The brackets are cross shaped with trefoil ends and raised flat borders around them. The interior has leaf or vine design with a crosshatch pattern near the lug on the short arms. The lugs look like platforms with open books on them. The back of one or more arms on the cross has “731” on it. The grip has beveled edges. The center of the grip has a pair of hands shaking surrounded by a fern like design. The back of handle has a number maybe “215” or “315”. The handles are approximately  $4 \frac{3}{4}$  inches tall and  $7 \frac{1}{2}$  inches wide. Similar handles are found in the Taylor HE 1875 and the Chicago Coffin Company catalog of 1896.

*Handle Variety 13:* Handle Variety 13 was found with Burial 042B. It is a double lug swing bale made of white metal. Two screws attach each bracket/lug to the coffin. The brackets are shaped like oak leaves with two acorns protruding with the leaves. The leaves have vein designs on them. There is a design at the base of the leaves that is a series of lines and cross hatches. The lug is shaped like a large acorn. The handles are U shaped with beveled edges. The side edges of the handles have a textured pattern. The front side of the handle has a fern-like design in the center which surrounds a pair of hands shaking. The back of the bracket has markings reading “388”. The handles are 3  $\frac{3}{4}$  inches tall and 8  $\frac{3}{4}$  inches wide. An example of this handle variety is found in the Chattanooga Coffin Company catalog of 1905.

*Handle Variety 14:* Handle Variety 14 was found with Burial 042A. It is a single lug swing bale made of white metal. The lug/bracket is held on by two screws. The bracket has a lamb motif where the lamb is laying down with one leg raised, it is surrounded by grass and small daisy like flowers. There is a shell-like radiating design behind the lamb. Above the lamb is another shell like design with a handle-like design around it. Coming from the sides of the brackets are oaks leaves. Under the lamb is a series of dots and leaf like patterns forming a triangular shape. The handles are shaped like furniture legs extending down to a flat bar. The bar has decorative ends and a band in the center with a radiating design from it. The back of the bracket has “803” embossed on it. The handle was 3  $\frac{1}{2}$  inches wide and 3  $\frac{1}{4}$  inches tall.

*Handle Variety 15:* Handle Variety 15 was found with Burial 20. It is a short bar handle. Each handle has two lugs/brackets. The lugs are six-sided shield shaped, with a smooth border on the edge of the shape. Lines radiate from the place the lug drops down to the handle. The brackets are 3  $\frac{11}{16}$  inches long and 3  $\frac{1}{8}$  inches wide. The grips appear immobile, and are made of metal but may have been covered in wood or fabric since remnants of both remain on the handles. The

backs of the grips are flattened, while the front is made of three sides. The center of the handle is widest and it tapers out to the lugs. Outside the lugs is a decorative band; any other decoration is obscured by rust. The grips are 12 ½ inches long and 1 ¼ inch wide at the widest portion. The grips are hollow.

*Handle Variety 16:* Handle Variety 16 was found in Burials 014 and 176. It is a single lug swing bail handle. It has a lamb motif with a radiating design behind it. A cross is tilted sideways behind the center ray. The lamb sits on a platform decorated with daffodils. Under the platform is an inverted bell shape with a clam shell-like design. The back of the bracket has a number, possibly “334” or “34”. The grips have a rope and tassel design on each side. The grips also have an oak leaf in the center with line and dot decorations coming from that point. A cross-hatch pattern is present on the curving parts of the grip. The back of the grip has a hollow area, making it lighter than similar styles. At the widest the handle is 3 ¼ inches and 3 ¼ inches tall.

*Handle Variety 17:* Handle Variety 17 was found in Burial 028. It is a short bar handles. The brackets are four sided with rounded corners and the vertical sides bow in. There is a bump on the top of each bracket. A bar extends from the middle of the bracket and encircles the bar. The bar is circular with decorative ends. The end caps are silver colored with a lip where they meet the bar. The bracket is 3 ¼ inches tall and wide and the bars are too fragmentary to determine length.

*Handle Variety 18:* Handle Variety 18 was found in Burial 033. It is double lug swing bale made of white metal. Two screws attach each bracket/lug to the coffin. The brackets are shaped like oak leaves with a vein designs on them. There is a design at the base of the leaves of a series of lines and cross hatches. The lug is shaped like a large acorn. The back of the bracket has “173” marked on it. The grips are U shaped with beveled edges. The side edges of the grips have a

textured pattern, and the front has a fern-like design in the center which surrounds a pair of hands shaking. The handles are 3 ¾ inches wide and 8 ¾ inches wide. A potential example of this handle variety is found in the Chicago Coffin Company catalog of 1896.

*Handle Variety 19:* Handle Variety 19 was found in Burial 179. It is made of metal with a silver finish. It is a double lug swing bale handle with two screws to attach each bracket to the coffin. The brackets have a shell-like pattern and a smooth line over the lug. A shell or frond-like pattern appears on each edge of the bracket. The brackets have “999” on the back. The grips have a leaf pattern extending down from the lug. A pattern of lines covers the rest of the grip, but degradation makes the full pattern unclear. The handles are 5 ¼ inches wide and two inches tall. An example of this handle variety is found in the Sargent Company catalog of 1896.

*Handle Variety 20:* Handle Variety 20 was found in Burial 021. The handle is made of metal with a silver finish. It is a swing bar handle with two brackets. The brackets are cross shaped with the cross arms ending in three points. The center point is the largest and has a triad/clover like shape in it. The design in the cross looks like cathedral windows framed by two triangles. The lugs are plain and extend to the handles forming a band around the decorative metal ends. The central grip is covered in black fabric with a pattern of raised dots. The ends of the handles have a design of alternating raised spaces with a diamond shape on top alternating lines. The bars narrow and flare out at the ends and have a frond like design. The total length is 10 ¾ inches, and the total height is five inches. There are no marks on the handles.

*Handle Variety 21:* Handle Variety 21 was found in Burial 021. It is a utilitarian style handle like those seen on chests, drawers, or trunks. It is made of iron and is a swing bail handle with no visible decoration. There are four screw attachments. The handle measures four inches tall and four inches wide. Examples of this variety of handle are seen in multiple catalogs and can



be seen in advertisements today. Examples are seen in the Sargent Company catalogs of 1871 and 1874, the Chicago Coffin Company catalog of 1896, the Simmons catalog of 1903, and the Chattanooga company catalog of 1905.

### *Thumbscrews*

Flat thumbscrews were first patented in 1874 by William M. Smith (Davidson 1999). Flat-bodied thumbscrews first appear with a patent in 1874 and began to appear in catalogs in 1875. Patents for thumbscrews continued into 1884, making them useful for temporal diagnostics (Thiel, et al. 2012:80). However, few were patented after that time, although they continued to be made into the twentieth century (Davidson 1999). Complex lid closures increased in use, leading to the decrease in thumbscrew use during the first two decades of the twentieth century (Thiel, et al. 2012:81). An example of flat thumbscrews found at Ss Peter and Paul is provided in Figure 4.9.



*Figure 4.9: Flat Thumbscrews from Ss Peter and Paul*

A total of 116 thumbscrews were collected from the excavations. Fifteen varieties of thumbscrews were found in this assemblage. Twenty-seven burials had thumbscrews present, representing 25.2% of all the excavated burials. No burials had more than one variety of thumbscrew present. Figure 4.10 Shows the distribution of thumbscrew varieties in the excavated burials. As seen with the handle form distribution in Figure 4.?, the recovered thumbscrews came from burials mostly in the northern half of the excavated area. Neither of these two objects provide significantly narrowed date ranges. However, these two maps suggest it is more likely a burial container with handles would also have thumbscrews, or that those two material types would be found in contemporary burials.

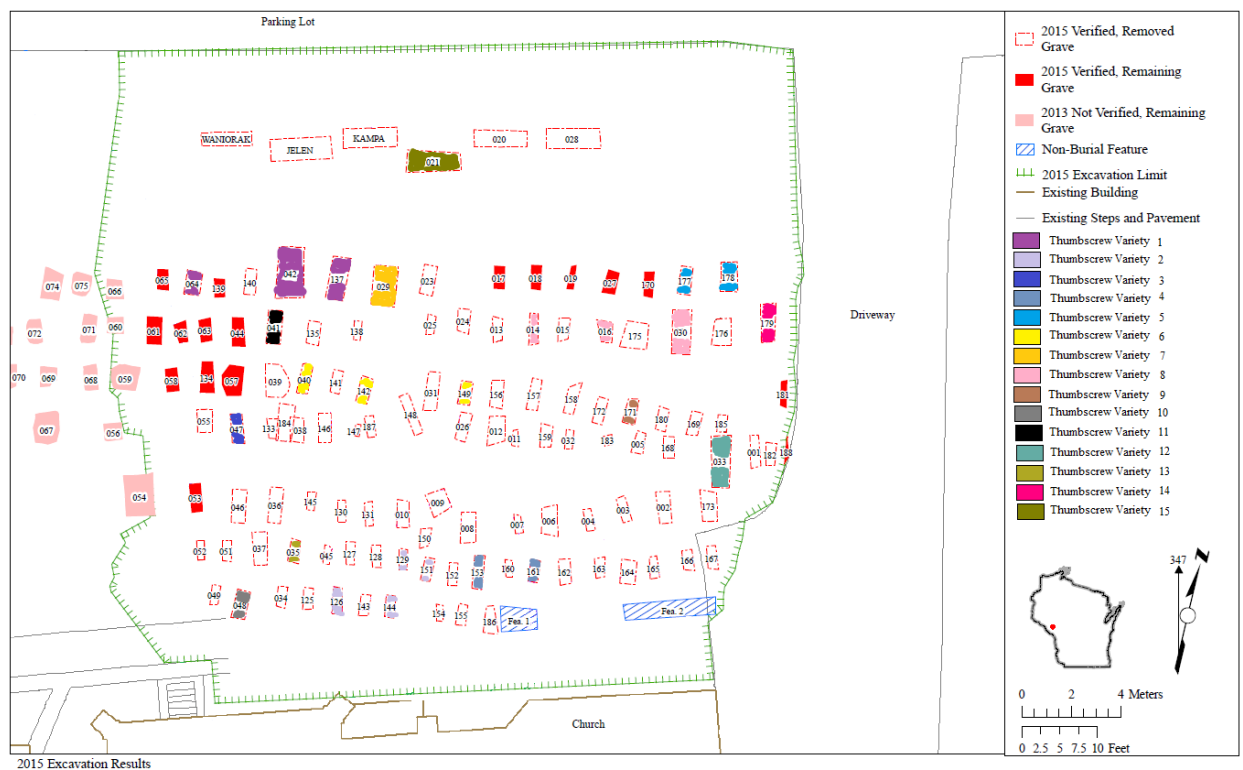


Figure 4.10: Distribution of Thumbscrew Varieties

*Thumbscrew Variety 1:* Thumbscrew Variety 1 was found in Burials 042A, 042B, 064, and 137.

They are made metal with a silver finish. The thumbscrews are shield shaped with “AT REST”

printed on them. A daisy is in the upper corners with some swirled designs; a stippled pattern makes up the background. The widest part is  $\frac{1}{8}$  inch wide at the thumb part. The narrowest portion above the screw is approximately  $\frac{1}{4}$  inch wide. The thumbscrew is  $1\frac{1}{4}$  inches long without the screw portion. This thumbscrew was seen in the Chicago Coffin Company catalog of 1896.

*Thumbscrew Variety 2:* Thumbscrew Variety 2 was found in Burials 126, 129, 144, and 151. They are made metal with a silver finish. The thumbscrews are a seven-sided scroll shape, with outlined edges and “AT REST” printed on them. The background seems smooth with some floral or leaf designs above and below the writing. The widest part is  $1\frac{5}{16}$  inches, and  $1\frac{5}{16}$  inches long not including screw. This thumbscrew is found in the Harrisburg catalog of 1885 and the Chattanooga Coffin Company catalog of 1905.

*Thumbscrew Variety 3:* Thumbscrew Variety 3 was found in Burial 047. The thumbscrew is made of metal with a silver finish. It is trefoil cross shape with no writing. There is a diamond like shape cut-out from the center. Decorative radiating lines extend from the cut-out to the point of the trefoil design; there is no background texture. The thumbscrew is one inch wide and long not including the screw portion. Examples of this variety of thumbscrew are found in the Harrisburg 1885 catalog and the Stolts Russel Company catalog of 1880.

*Thumbscrew Variety 4:* Thumbscrew Variety 4 was found in Burials 153 and 161. It is made of metal with a silver finish. Its shape made by curls coming off base and a clam shell-like design on top. The center area includes a diamond shape split into four pieces with no background patterns. Both the height and width measure  $1\frac{1}{4}$  inches.

*Thumbscrew Variety 5:* Thumbscrew Variety 5 was found in Burials 177 and 178. It is made of metal with a silver finish. It has a fleur-de-lis shape with two triangular prongs between the

fleur-de-lis parts. A chevron like pattern comes up from the base on each face. Each face has four diamond like designs with additional lines and a dot in the center of each. Horizontal lines run around the base and are intersected by vertical lines under the chevron pattern. The thumbscrew is one inch long and one inch wide. This variety of thumbscrew only appears on coffins which must date to a period after 1903.

*Thumbscrew Variety 6:* Thumbscrew Variety 6 was found in Burial 40, 142, and 149. It is made of metal with a silver finish. The thumbscrew is a cross like shape with a wider center tapering out to the ends of the arms. The same shape is repeated in the center cut-out. The shape has a border and a cross hatching pattern in the middle. The base has a pattern of x's on it. The thumbscrews are  $1 \frac{1}{8}$  wide and  $1 \frac{1}{4}$  in tall.

*Thumbscrew Variety 7:* Thumbscrew Variety 7 was found in Burial 029. The thumbscrew is made of metal with a silver finish. It is a semi-circular shape. The base is a stack of rings. Seven lines radiate from that and end in dots. Curved lines connect the radiating lines making an appearance like a spider web or ship's helm. The thumbscrew is  $\frac{7}{8}$  inches wide and tall, not including the escutcheon found with it or the screw portion.

*Thumbscrew Variety 8:* Thumbscrew Variety 8 was found in Burials 014, 016, and 030. It is made of metal with a silver finish. The thumb part is shaped like a pentagon, but the top edges are curled into the center. The design in the flat part is curtain like with loops on the curtain edges and dots on the curtain. The base is a dome shape with vertical lines going up the first tier followed by a leaf like pattern. The total height is  $\frac{7}{8}$  inches. The thumbscrew is  $\frac{1}{2}$  inch at the widest. An example of this thumbscrew is seen in the Stolts Russel catalog from 1880.

*Thumbscrew Variety 9:* Thumbscrew Variety 9 was found in Burial 171. It is made of metal with a silver finish. It is diamond shaped with a smaller diamond cut-out in the middle. The three

points not attached to the screw have arrow like points on them. These points have a small daisy like design on them. The diamond has a cross-hatch pattern on it. There is a border around the edge and around the center cut-out. The thumbscrew is about one inch wide and 1 ¼ inch tall. This thumbscrew is found in the Chicago Coffin Company catalog from 1896 and in the Columbus Coffin Company catalog from 1882.

*Thumbscrew Variety 10:* Thumbscrew Variety 10 was found in Burial 048. The thumbscrew is banner shaped with a dome on top. The banner reads “AT REST”, and under the banner is a pattern of dots and asterisks. At the base is a spider web-like design, above the banner is a pattern of small ovals, above which is a rising/setting sun. The thumbscrew is 1 ½ inches tall and 1 ¼ inches wide.

*Thumbscrew Variety 11:* Thumbscrew Variety 11 was found in Burial 041. It is made of metal with a silver finish. The thumbscrew is banner shaped with seven sides. It reads “AT REST”. There is a border around edge and an extra border on the top. At the top there are two top sides with small hash marks in it and a small daisy design at the top of the shape. A three plumed shape comes up from base. The thumbscrew is 1 ¼ by 1 ¼ inches.

*Thumbscrew Variety 12:* Thumbscrew Variety 12 was found in Burial 033. The thumbscrew is made of metal with a silver finish. The shape is a flat rectangular vertical piece on top of the screw. A leaf like design come off the sides of the flat part and intertwine at the top. These intertwining lines leave space over the rectangle portion. There is no writing present. The thumbscrew is 1 ¼ inch wide and 1 ¼ inch tall. This thumbscrew is found in the Chicago Coffin Company catalog from 1896 and in the Simmons Company catalog from 1918.

*Thumbscrew Variety 13:* Thumbscrew Variety 13 was found in Burial 035. It is made of metal with a silver finish. The thumbscrew is diamond shaped with inward curving edges. The edges

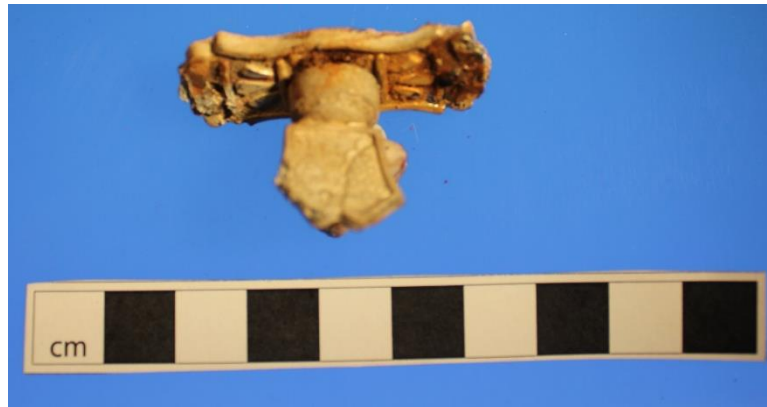
are raised and have a pattern of dots on them with the side patterns larger than the top. The center has a bow pattern. At the bottom of the diamond, an upside-down V shape cuts in with three decorative ovals under it. The thumbscrew is 1 ½ inches tall and 1 inch wide.

*Thumbscrew Variety 14:* Thumbscrew Variety 14 was found in Burial 179. It is made of metal with a silver finish. It is represented through fragments from Burial 179, made up of loops on either side of a more pointed frond. A ball is on top of each frond. The pointed frond has straight lines inside, the next loops have curved lines, and the following loops are plain. The size cannot be determined due to the fragmentary nature. This thumbscrew is found in the Stoltz Russel catalog of 1880.

*Thumbscrew Variety 15:* Thumbscrew Variety 15 was represented by one example from Burial 021. It is made of metal with a darker than average finish. It is larger than typical thumbscrews. The design is referred to as Eastlake. The design is made of two curls forming a rounded, slightly flattened top. Over the two curls is a grill-like shape with very pointed ends. The thumb part is 1 ½ inches wide and 1 ¼ inches tall. The screw is 1 ¾ inches long. Examples of this thumbscrew are found in the Chattanooga Coffin Company Catalog of 1905, the Gate City catalog of 1901 and the Kregel Casket Company catalog of 1895.

### *Escutcheons*

Escutcheons are the, “decorative screw plates with a central hole through which a thumbscrew can pass for mounting.” (Thiel, et al. 2012:83). Although initially simple in style, escutcheons evolved with the introduction of thumbscrews to form matching sets (Thiel, et al. 2012:84). Figure 4.11 Shows an example of a thumbscrew and escutcheon set from Ss Peter and Paul.



*Figure 4.11: Thumbscrew and Escutcheon Set from Ss Peter and Paul*

The temporal range for escutcheons is approximately 1865 to the 1920's (Davidson 2006:147). Despite the evolution of matched thumbscrew and escutcheon sets, few escutcheons were found in this assemblage. Several recovered at Ss Peter and Paul were too fragmentary to obtain an exact count, however, at least 14 escutcheons were recovered. Four varieties were noted in seven burials, meaning 6.5% of burials contained an example of an escutcheon. Burials with escutcheons contained either a single example or a set of four. A single burial contained two varieties. The two escutcheons were similar in style, suggesting a substitution for a style that was not fully available in a complete set. Although not all escutcheons were found attached to thumbscrews, all were recovered from burials that had thumbscrews present. Of the burials with thumbscrews, 26% had escutcheons. Figure 4.12 shows the distribution of escutcheons in the excavated area. Like The handles and thumbscrews, the escutcheons are groups in the northern half of the excavated burials. The escutcheons were also more to the eastern side of the excavated area as well. This could suggest he northeastern side of the excavated area would have been interred around the same time.



Figure 4.12: Distribution of Escutcheons

*Escutcheon Variety 1:* Escutcheon Variety 1 was found in Burial 149. It is rectangular with rounded ends. Each end has a trefoil cross with equal arms. The cross arms have lines on them, and the center of cross is a circle with lines through it. Behind the cross is a pattern of dots. There is a ring around the screw hole with decorative lines, and plume-like patterns near the middle. It is  $2\frac{7}{8}$  inches long and one inch wide. Examples of this escutcheon are found in multiple catalogs including: the Columbus Coffin Company catalog of 1882, the Chicago Coffin Company catalog of 1896, the Wilmarth catalog of 1895, the Gate City catalog of 1901, and the Chattanooga Coffin Company catalog of 1905.

*Escutcheon Variety 2:* Escutcheon Variety 2 was found in Burials 014 and 030. It is rectangular with clipped corners. There is a line from opposite corners wrapping to the center screw with a cross hatching pattern on them. The escutcheon is  $1\frac{5}{8}$  inches at the widest. This escutcheon is seen in the Stolts Russell and Company catalog of 1880.



*Escutcheon Variety 3:* Escutcheon Variety 3 was found in Burial 014 along with Escutcheon Variety 2. It is rectangular with scalloped ends. The pattern on it has four lines across the shortest width. Between two of the lines are three drop shapes with a cross hatching pattern behind the design. The escutcheon is 1 <sup>5</sup>/<sub>8</sub> inches at the widest.

*Escutcheon Variety 4:* Escutcheon Variety 4 was found in Burials 029, 177, and 178. This escutcheon is disk shaped with a hole for the screw and an additional hole off to the side. The design has a pie crust pattern on the edge and a sunburst like pattern with dots on the end of the lines. It is approximately <sup>3</sup>/<sub>4</sub> inches in diameter.

### *Caplifters*

Caplifters are designed to lift the panel covering the viewing window on a coffin.

Caplifters are not remarkably different from thumbscrews and both have been used interchangeably (Thiel, et al. 2012:86). Davidson (2006:164) notes that Caplifters can be found on burial containers from the 1850's to 1860's but are not listed as a separate class of coffin hardware until 1875. Five caplifters were found at Ss Peter and Paul, representing only two different varieties of caplifters. It is possible thumbscrews may have served as a caplifter in other burials. In this case, the distinction was made by a flat surface, for the thumbscrews, and a shape more like a drawer pull for caplifters. With only two varieties of caplifters identified in only two burials, 1.9% of burials excavated had caplifters. The two burials with caplifters were in the northwestern segment of the excavated area. One of those burials also contains thumbscrews. The different location might indicate a slightly earlier time for the burials in the northwestern quadrant as opposed to those in the northeastern quadrant.

*Caplifter Variety 1:* Caplifter Variety 1 was found in Burial 135 (Figure 4.13). It has a fairly low profile above the screw. The top is flat with rounded edges and a + design. There are three more

lines that radiate from each arm of the +, and in the space between is a mesh like pattern. The caplifter measures  $\frac{3}{4}$  inches wide, and  $\frac{5}{8}$  inches high, not including the screw. This caplifter is seen in the Simmons catalog from 1918.



*Figure 4.13: Caplifter Variety 1*

*Caplifter Variety 2:* Caplifter Variety 2 was found in Burial 142 (Figure 4.14). It is dove shaped with feather details over the body and longer wings. This variety is represented by a single example, in which the head is missing. The example measures  $1 \frac{1}{8}$  inches high and  $1 \frac{3}{4}$  inches long. This variety of caplifter is found in multiple catalogs, including: the Columbus Coffin Company catalog of 1882, the Chicago Coffin Company catalog of 1896, the Harrisburg catalog of 1885, the Gate City catalog of 1901, and the Chattanooga Coffin Company catalog of 1905.



Figure 4.14: Caplifter Variety 2

### *Ornamental Tacks*

This category can include a number of forms including coffin tacks, dummy screws, studs, and diamond tacks (Thiel, et al. 2012:88). Pye explains that more substantial ornamental tacks are made of white metal, while stud forms are made of thin, lightweight, pressed metal (Thiel, et al. 2012:88).

Decorative studs are a type of ornamental tack in geometric (diamond, star) or representational (flower, cross) shapes (Davidson 1999; 2004:420). Davidson states that many of these types of decoration can be found in catalogs from the 1850's to around 1920, but he suggests many occur in the later part of that time range (Davidson 1999; 2004:419-420). Coffin studs are similar to coffin screws caps in appearance with pressed metal designs. Coffin screw caps are designed to cover a non-decorative screw on the coffin lid and have a hinge to access the screw once it has been covered (Springate 2015:27). Coffin studs look similar but are a

single piece with a ferrous tack to attach to the coffin not over an existing screw. Figure 4.15 shows several varieties of ornamental tacks recovered at Ss Peter and Paul.



*Figure 4.15: Ornamental Tack Examples*

Many ornamental tacks recovered at Ss Peter and Paul were fragmentary, but at least 123 were represented in the assemblage. This total was grouped into 13 clear varieties of Ornamental Tacks. Additionally, plain tacks were used to create a cross shape on the burial container for Burial 179. Twenty-six burials, or 24.3% of burials had ornamental tacks present. Figure 4.16 Shows the spatial distribution of the ornamental tacks. Many of the ornamental tack varieties are found in the northern section of the excavated area. There is one variety that is concentrated in

the southern half. Possibly that variety of ornamental tack was popular for a certain period of interments in this area. The ornamental tacks in the northern half suggest a separate range of interments characterized by the presence of handles and thumbscrews as well.

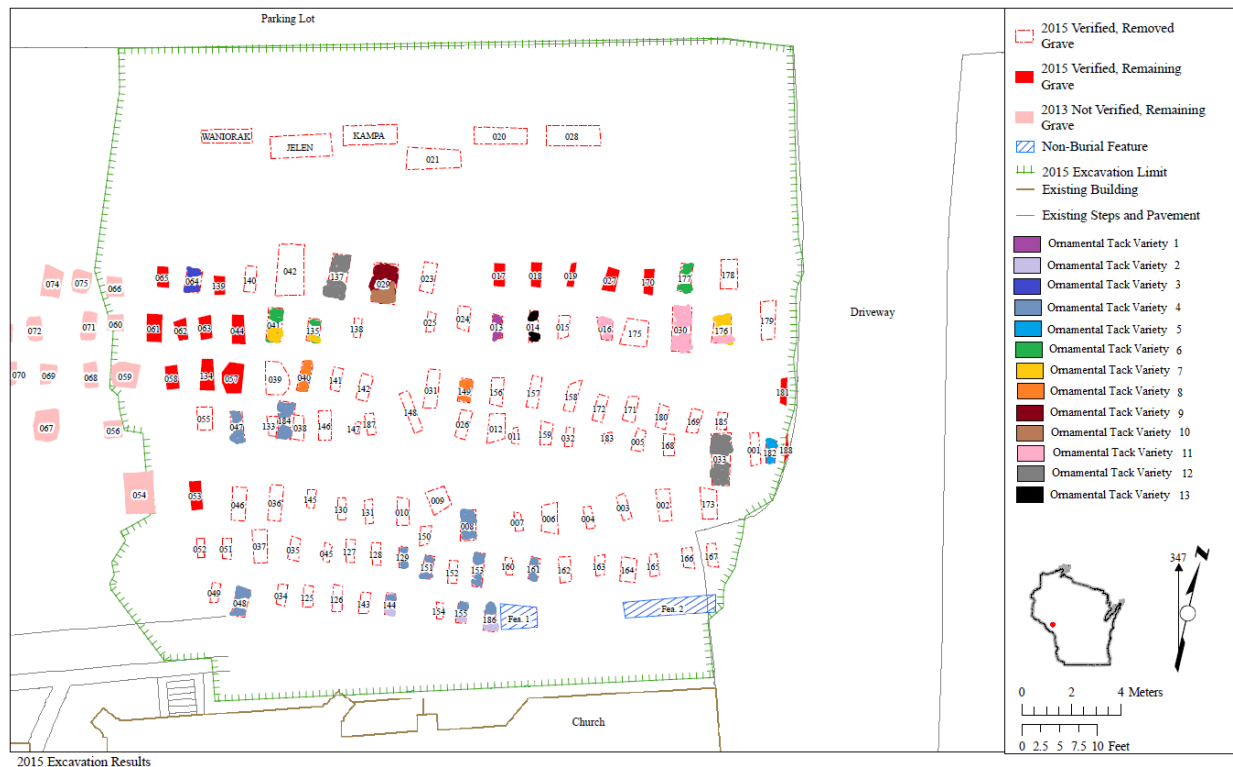


Figure 4.13: Distribution of Ornamental Tacks

*Ornamental Tack Variety 1:* Ornamental Tack Variety 1 is a coffin stud. It is diamond shaped with a daffodil design on top. There are swirls coming off the top with arrows/points on the long axis of the stud. A scallop-like design lines the edges. It is two inches on the long axis and one inch on the short axis. It was found in Burial 013. This variety of tack is found in multiple catalogs, including: the Columbus Coffin Company catalog of 1882, the Chicago Coffin Company catalog of 1896, the Harrisburg catalog of 1885, the Lamb Louis catalog of 1895, the Wilmarth catalog of 1895, the Gate City catalog of 1901, and the Chattanooga Coffin Company catalog of 1905.

*Ornamental Tack Variety 2:* Ornamental Tack Variety 2 is a coffin stud shaped like a 12-point star. There is a daisy on top of the domed center part (above the stud). Possible decorative lines appear on the star points and around base of dome. The stud has a  $\frac{3}{4}$  inch diameter. It was found in Burials 144, 155, and 186. This variety of tack is found in multiple catalogs, including: the Columbus Coffin Company catalog of 1882, the Chicago Coffin Company catalog of 1896, the Gate City catalog of 1901, and the Chattanooga Coffin Company catalog of 1905.

*Ornamental Tack Variety 3:* Ornamental Tack Variety 3 is a coffin stud shaped like a cross with trefoil design on the ends of arms (trefly). There is a fern like leaf pattern on the arm ends, and four leaves (possibly oak) over the center of the cross. This coffin stud is 1  $\frac{1}{2}$  inches wide and two inches long. It was found in Burial 064. This variety of tack is found in multiple catalogs, including: the Taylor HE catalog of 1875, the Chicago Coffin Company catalog of 1896, the Harrisburg catalog of 1885, the Wilmarth catalog of 1895, and the Chattanooga Coffin Company catalog of 1905.

*Ornamental Tack Variety 4:* Ornamental Tack Variety 4 is a Crucifix shaped coffin stud including a figure of Jesus. A banner reading "INRI" is sideways on the top bar of cross. The coffin stud measures 1  $\frac{7}{8}$  inches tall and 1  $\frac{1}{4}$  inch wide. It was found in Burials 008, 047, 048, 129, 144, 151, 153, 155, 161, 184, and 186. A tack similar to this is found in the Harrisburg catalog from 1885.

*Ornamental Tack Variety 5:* Ornamental Tack Variety 5 had an indeterminate shape. The center has a 6-point star shape with circles between the points making a flower-like shape above the stud part. The edge shape is completely indeterminate but appears to have swirled floral-like patterns. Size cannot be determined due to the fragmentary state of those recovered. It was found in Burial 182.

*Ornamental Tack Variety 6:* Ornamental Tack Variety 6 is diamond shaped with a flower-like design covering the central node of the coffin stud. The flower may be a sunflower. There is a ridge around the bottom of the node that mimics the floral design. A daisy comes off each side going to the longer points of the diamond. The coffin stud measures  $1 \frac{11}{32}$  inches along the longest axis, and  $\frac{11}{16}$  inches along the shortest axis. It was found in Burials 041, 135, and 177. Similar tacks appear in multiple catalogs, including: the Chicago Coffin Company catalog of 1896, the Wilmarth catalog of 1895, the Gate City catalog of 1901, and the Chattanooga Coffin Company catalog of 1905.

*Ornamental Tack Variety 7:* Ornamental Tack Variety 7 is a metal cross with trefoil design on the ends of the arms (trefly). There is a smaller cross in the center with radiating arms. Three lines extend down each main arm of the cross. The center line on each arm ends in a dot. The longest arm has another circle on it. At end of each arm is a daisy. All negative space is filled with small dots. The coffin stud measures  $1 \frac{1}{8}$  inches wide and  $1 \frac{3}{8}$  inches long. It was found in Burials 041, 135, and 176. Tacks like this appear in multiple catalogs, including: the Taylor HE 1875, the Chicago Coffin Company catalog of 1896, the Lamb Louis catalog of 1895, and the Wilmarth catalog of 1895.

*Ornamental Tack Variety 8:* Ornamental Tack Variety 8 is a diamond shaped coffin stud. The raised dome has a daisy on the center. Vertical lines go up the sides of the raised dome. The diamond has an outline around the edges. The short axis is covered by the raised central portion; the long axis has leaf or fern like swirls. The short axis is  $\frac{7}{8}$  inches and the long axis is  $1 \frac{15}{16}$  inches. It was found in Burials 040 and 149. This variety of tack is observed in the Sargent Company catalogs from 1871 and 1874, and from the Columbus Coffin Company 1882, and the Harrisburg catalog of 1885.

*Ornamental Tack Variety 9:* Ornamental Tack Variety 9 is a 6-pointed star shaped coffin stud. The points are smooth with no design. There is a raised round dome in the center with a beveled edge at its base. Any design on top of dome is obscured by corrosion. This coffin stud has a diameter of  $1 \frac{3}{8}$  inches. It was found in Burial 029. This is the most commonly found tack in the hardware catalogs. It appears in the following catalogs: Sargent company 1871 and 1874, Taylor Company 1872 and 1875, Chicago Coffin Company 1896, Columbus Coffin Company 1882, Harrisburg catalog 1885, Chattanooga Coffin Company 1905, Lamb Louis catalog 1895, and the Wilmarth catalog 1894.

*Ornamental Tack Variety 10:* Ornamental Tack Variety 10 is a six-pointed star shaped coffin stud. The points of the star have a leaf-like design. The dome on the center of the star has a beveled edge around its base with a repeated indent pattern. Another 6-pointed star appears on top of the dome with a flower like design. This coffin stud has a diameter of  $1 \frac{1}{2}$  inches. It was found in Burial 029. Examples of this ornamental tack variety can be found in the Taylor HE catalog of 1975, the Harrisburg catalog of 1885, the Chattanooga Coffin Company catalog of 1905, and the Lamb Louis catalog of 1895.

*Ornamental Tack Variety 11:* Ornamental Tack Variety 11 is a diamond shaped coffin stud. There is a raised center dome with vertical lines going up the sides of the dome. The top of dome has a four petal floral shape with lines made of dots. The long axis has leaf or fern-like pattern extending along it in either direction. The long axis is  $1 \frac{15}{16}$  inches, and the short axis is  $\frac{15}{16}$  inch. It was found in Burials 016, 030, and 176. Examples of this tack can be found in the Taylor catalogs of 1872 and 1875, the Wilmarth catalog of 1894, and the Chattanooga Coffin Company catalog of 1905.



*Ornamental Tack Variety 12:* Ornamental Tack Variety 12 is a Crucifix shaped coffin stud. A banner above the figure of Jesus reads “INRI”. Behind the figure is a radiating light pattern. Also present are an indented hole shape at the end of each arm of the cross. It measures approximately two inches long and 1 ¼ inch wide. It was found in Burials 033 and 137. This variety of tack is found in multiple catalogs, including: the Taylor HE catalog of 1875, the Columbus Coffin Company catalog of 1882, the Chicago Coffin Company catalog of 1896, the Lamb Louis catalog of 1895, the Wilmarth catalog of 1895, and the Chattanooga Coffin Company catalog of 1905.

*Ornamental Tack Variety 13:* Ornamental Tack Variety 13 is a diamond shaped coffin stud with a flower (possibly a rose) design on top of the central dome. A ridge is present around the bottom of the dome with a repeating pattern design. A rose comes off each side of the dome going to the longer points of the diamond. A raised edge around the diamond looks like twisted rope. The stud measures 1 7/8 inches on the longest axis, and 7/8 inch on the shortest axis. It was found in Burial 014. Examples of this variety of ornamental tack are found in the Chattanooga Coffin Company catalog of 1905, the Wilmarth catalog of 1894, and the Simmons Company catalogs of 1902 and 1903.

### *Ornaments*

Ornaments may be reminiscent of ornamental tacks but are more substantial in design, construction, and usually size. Ornamental tacks are often made of copper or bronze, and although coffin ornaments can be made of those materials, they are often made of pressed white metal. The category of ornaments includes representational form such as crosses, floral motifs, and fraternal symbols. This category does not include plaques or name plates. Ornaments were usually placed on the lid of the burial container, typically over the thorax, pelvis, or sometimes

legs of the individual (Davidson 1999). In this assemblage, 23 total ornaments were collected from 19 burials, meaning 7.8 percent of burials contained an ornament variety. Examples of recovered ornaments are shown in Figure 4.17. Two varieties of ornaments present in the excavated burials had maker's marks from Elgin, Illinois. Likely these came from the Elgin casket company, which was founded in 1903, giving those burials a definite *terminus post quem*.



Figure 4.17: Ornament Examples

Figure 4.18 Shows the distribution of the variety of ornaments. Like most of the hardware categories already discussed, ornament varieties are most commonly found in the northern part of the excavated area. Again, this suggests at least one broad division in interment times. Two varieties of ornaments were able to produce a *terminus post quem*; those two burials were located in the northeastern most corner of the main section of burials. Knowing those burials were interred at or after that time can suggest the north half of the excavated section was likely buried in a similar time period.



Figure 4.18: Distribution of Ornament Varieties

*Ornament Variety 1:* Ornament Variety 1 is a large bright silver metal cross with a crown around the center. The cross has clover design decorating it. The crown has alternating clover points and a diamond and dot design around the bottom. There is a plain boarder around cross with no markings on the back. The cross-hatch pattern in the cross background looks like fabric. It measures six inches long and 3 ½ inches wide. It was found in Burial 064. Examples similar to this ornament appears in the Chicago Coffin Company catalog of 1896 and the Chattanooga Coffin Company catalog of 1905.

*Ornament Variety 1.1:* Ornament Variety 1.1 is a smaller version of Ornament Variety 1. It measures 4 ⅝ inches long and 2 ⅝ inches wide. It was found in Burials 135 and 140. Examples similar to this ornament appears in the Chicago Coffin Company catalog of 1896 and the Chattanooga Coffin Company catalog of 1905.

*Ornament Variety 1.2:* Ornament Variety 1.2 is the same size and style as Variety 1.1. It has markings on the back reading “24”, “ILL.” and “ELGIN”. It was found in Burials 177 and 178. These burials cannot date earlier than 1903, the start of the Elgin Casket Company.

*Ornament Variety 1.3:* Ornament Variety 1.3 is the same style as Ornament Variety 1. It has markings on the back reading “No 26”. It measures 2 ¾ inches wide and 4 ¾ inches long. It was found in Burials 014, 016, and 179, along with one recovered during the initial machine scraping. Examples similar to this ornament appears in the Chicago Coffin Company catalog of 1896 and the Chattanooga Coffin Company catalog of 1905.

*Ornament Variety 1.4:* Ornament Variety 1.4 has the same design as Ornament Variety 1 and is the same size. It has “ELGIN” embossed on the back of one arm. It was found in Burial 028. This burial cannot date earlier than 1903, the year the Elgin Casket Company was founded.

*Ornament Variety 2:* Ornament Variety 2 is a cross made of a ferrous metal with wood adhering to it. The top and side arms are simple squared corners, and the base end in a triangular shape. It measures 8 ½ inches long and 4 ¼ inches wide. It was found in Burial 166.

*Ornament Variety 3:* Ornament Variety 3 is a dense metal cross. The cross arms end in three points on each. The edge of the cross has a grooved border and is lower than the center. There is an unknown component in middle of cross’ possibly a nail. The back of the cross is marked “21” on the longest arm. It measures approximately 3 ½ inches wide and greater than four inches long, although its full length is unknown due to its fragmentary condition. It was found in Burial 171. A similar looking ornament is found in the Sargent Company catalog of 1874.

*Ornament Variety 4:* Ornament Variety 4 is a metal cross with trefoil shapes at end of the arms. The cross has a flat raised plain border around edge and a flat raised straight cross in the center. The shape in the center of cross is unclear, but may be an open bible. The background of the

cross has a cross-hatch pattern. It measures three inches wide, and the length is unknown due to the missing top arm. It was found in Burial 126. Ornaments similar to this variety are found in the Chicago Coffin Company catalog of 1896 and the Harrisburg catalog of 1885.

*Ornament Variety 5:* Ornament Variety 5 is a metal crucifix with trefoil designs on the ends of its arms. There is a figure of Jesus over much of the face of the cross. The background of the cross has grape vine leaves and grape bunches at the end of the arms. A banner over the figure of Jesus likely reads INRI. Jesus is on a pillar over a grape bunch. The back of the cross has two numbers possibly 11 or 1 and an unidentified number. It measures approximately 8 ½ inches long and five inches wide. It was found in Burials 041, 042A, and 042B. Examples similar to this ornament appears in the Chicago Coffin Company catalog of 1896 and the Chattanooga Coffin Company catalog of 1905.

*Ornament Variety 6:* Ornament Variety 6 is a metal floral shape, although the full shape is unclear. It appears to be some sort of bunched floral bouquet tied with a ribbon. The leaves resemble calla lily leaves, but the flower type is unclear. It measures approximately three inches long and wide. It was found in Burials 030 and 176. An ornament like this appears in the Chicago Coffin Company catalog of 1896.

*Ornament Variety 7:* Ornament Variety 7 is a metal crucifix. The ends may be square, but there is not enough present to tell. There is a large Jesus figure present on cross. There are pillar like ends on longest arms of the cross. A banner reading “INRI” is present on the top arm of the cross. There is no background pattern discernable. The back of the cross has “65” marked on it. The height is approximately 7 ¼ inches, and the width is greater than 3 ½ inches. It was found in Burial 030. Examples similar to this ornament appears in the Chicago Coffin Company catalog of 1896. This ornament is similar to a style used on concrete markers throughout Sections 1, 2,

and 3 of the cemetery. It is possible this item came from a concrete marker, as fragments of concrete were recovered with other displaced markers.

*Unidentified Ornament Variety* – A small silver metal piece with a stud and partial intertwining lines was found but the full size and shape are unknown. It was found in Burial 028.

#### *Viewing Window*

Viewing windows provided a way for mourners to view the deceased during a wake or funeral. Perhaps a bigger trend before the prevalent use of embalming, viewing windows allowed the coffin to remain closed, making decay less obvious to the mourners. Fourteen burials or 13.1percent of burials excavated from Saints Peter and Paul contained a viewing window. Figure 4.19 shows the distribution of viewing windows in the excavated portion of the cemetery. It can be seen on the map that viewing windows are found in the northern half of the excavated burials. There also seems to be a greater concentration on the western side of the northern half. Like the maps presented above, this one suggests a distinction in interment between the southern and northern graves.

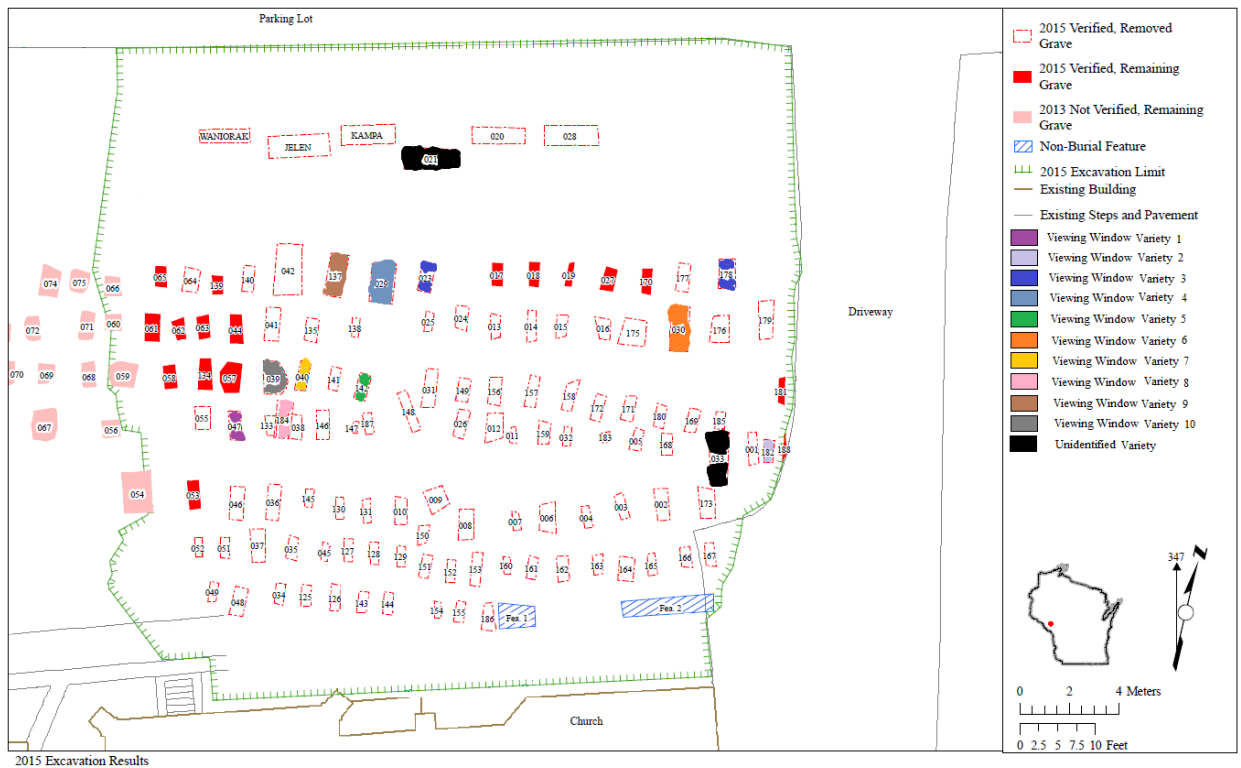


Figure 4.19: Distribution of Viewing Windows

*Viewing Window Variety 1:* Viewing Window Variety 1 was found with Burial 047. It is oval shaped and tapers towards the foot of the coffin. It measured 17 ½ inches by 6 ¼ inches. The edges are roughly cut. Glass solder was present.

*Viewing Window Variety 2:* Viewing Window Variety 2 was found in Burial 182. It is a large rectangular shape with angled corners that likely took up much of coffin lid. It measures 27 5/16 inches from head to foot, and 6 9/16 inches wide.

*Viewing Window Variety 3:* Viewing Window Variety 3 was found in Burials 023 and 178. It is a smaller oval shaped viewing glass. The oval is more tapered at one end, the longest axis is 9 ½ inches and the widest axis is 5 ¾ inches. The glass is cut very unevenly.

*Viewing Window Variety 4:* Viewing Window Variety 4 was found in Burial 029. It is an oval shaped viewing window. The window is slightly more tapered at one end with the longest axis

as 13 inches, and the shortest axis as eight inches. The most tapered end is flat and the edges are jagged from cutting.

*Viewing Window Variety 5:* Viewing Window Variety 5 was found in Burial 142. It is oval shaped without a tapered end. The longest axis is  $15 \frac{3}{4}$  inches, and the short axis is  $5 \frac{3}{4}$  inches.

*Viewing Window Variety 6:* Viewing Window Variety 6 was found in Burial 030. It is egg shaped glass. The longest axis is  $17 \frac{1}{4}$  inches, and the short axis is 12 inches at the widest. The wider end of the window was towards the feet of the coffin.

*Viewing Window Variety 7:* Viewing Window Variety 7 was found in Burial 040. It is egg shaped glass. The longest axis is  $13 \frac{1}{2}$  inches and the widest axis is 8 inches.

*Viewing Window Variety 8:* Viewing Window Variety 8 was found in Burial 184. It is egg shaped glass with a flattened base and top. The longest axis is 13 inches and the widest axis is  $8 \frac{1}{2}$  inches.

*Viewing Window Variety 9:* Viewing Window Variety 9 was found in Burial 137. It is oval shaped and measures 18 inches long and 10 inches wide.

*Viewing Window Variety 10:* Viewing Window Variety 10 was found in Burial 039. It is oval shaped and measures  $12 \frac{1}{4}$  inches long and  $6 \frac{1}{4}$  at the widest point.

*Viewing Window Variety 11:* Viewing Window Variety 11 was found in Burial 014. It is oval shaped and measures  $12 \frac{3}{4}$  inches long and  $7 \frac{1}{2}$  inches wide at the widest. It has jagged, uneven edges.

Burials 033 and 021 contained fragments of viewing windows too incomplete to accurately measure or determine the shape.



## **Some Notes About Personal Items**

Personal items represented a smaller class of material than coffin hardware in this assemblage.

Although interesting, many of the objects present do not assist in solving the problem of determining the date range of these interments. This section will only discuss items that can be dated. Unlike the hardware section above, individual varieties will not be discussed unless a specific variety provides a date range.

### *Buttons*

The buttons recovered from the Saints Peter and Paul Cemetery include shell, wood, plastic, and Prosser buttons. All the buttons were two or four hole buttons; no shank buttons were present. In this assemblage, 239.5 button were recovered and fell into 22 distinct varieties of buttons plus several sub varieties. The most common varieties of buttons were Prosser buttons, followed by shell buttons (Figure 4.20). Several burials had a mix of varieties, including varieties of different materials. In total, 57 burials or 53.3 percent of burial and one of the non-burial features contained buttons. Unfortunately, the majority of the buttons do not provide a useful date. As a common artifact, buttons are important to mention, however, the time frame of this cemetery is so narrow that any dates are not useful. Prosser buttons, the most commonly recovered in this cemetery, are ceramic and identifiable by a characteristic “orange peel” pattern on the bottom of the button. Prosser buttons date to 1849 or later in the United States (Sprague 2002: 111). Although this can be helpful in cemeteries with a wide period of use, it does not help create a time period for the Ss Peter and Paul cemetery.

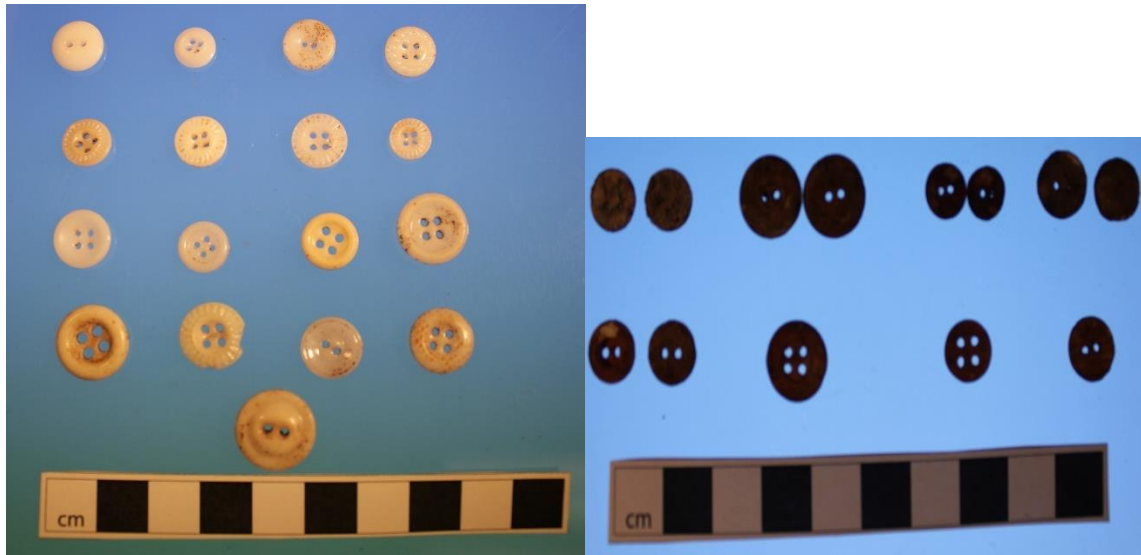


Figure 4.20: Prosser Button Examples (Left) and Shell Button Examples (Right)

### *Pins*

Few pins were recovered from the Saints Peter and Paul burials. Four distinct varieties of pins were noted. Ten pins were identified by variety, three additional pins were noted, but were too fragmentary to identify their variety. Pins were identified in eight burials, or 7.5 percent of burials. The pins were often fragmented or found during screening, so their location in relation to the individual or coffin is not known. A few fragments were found in hair preserved in the burial. Otherwise, function of the pins cannot be determined. Pins were used for securing clothing, shrouds, and coffin linings. The recovered pins have no identifiable markings indicating their maker. One variety of pin was identifiable. Pin Variety 1 was found in Burial 152. It is a skirt or kilt pin made of copper. The style of pin is known as a Lindsay Pin, named for the patent owner. Its earliest date is when the patent was filed in 1878, although Davidson notes that safety pins do not appear in mortuary catalogs until the 1880's (Davidson 1999). A copy of the patent is provided in Figure 4.21.



stylized with vertical lines. The plastic cover from the face of the watch is discolored with rust. The surviving links have a chevron like design on them, and are ½ inch wide. The length of the chain is unknown. No serial number or marks are present on the watch casing. The face bears the name Ingersoll. Although the brand's history is traceable, this particular watch was not identifiable. The Ingersoll company started producing watches in 1892 (Ingersoll Watch Company 2016). No exact match for this style of watch could be found, although, it likely postdates 1892 by sometime, because the first watches Ingersoll produced were pocket watches.



*Figure 4.22: Ingersoll Wristwatch from Burial 020*

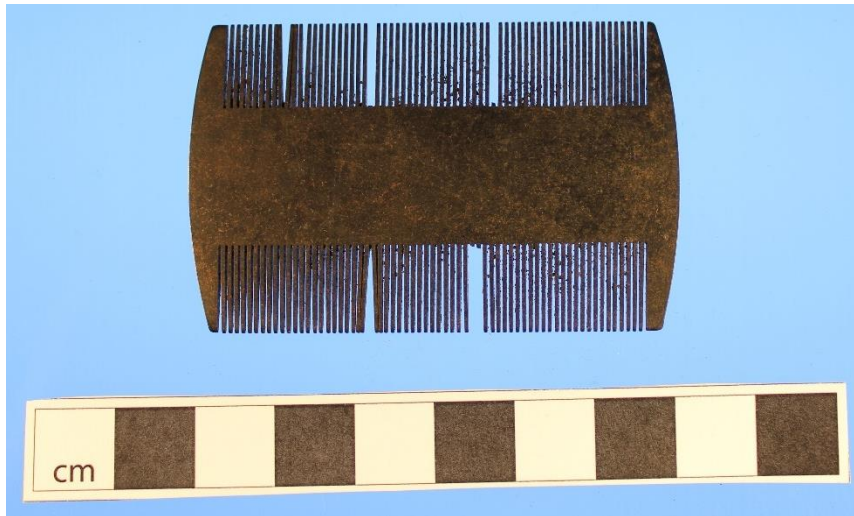
Burial 033 contained a pair of dentures (Figure 4.23). The dentures are likely made of vulcanite and porcelain. They are clearly custom fitted to the individual, and rest perfectly on the mandible and maxilla. The top portion is broken, but the bottom piece remains intact. The dentures were found along the jaw of the individual, indicating she was buried wearing them. Vulcanite was discovered in 1843 by Charles Goodyear, whose brother improved the process in 1851 (British Dental Association [BDA]2016). The Goodyear Dental Vulcanite Company was

founded in 1864 and required all dentists to pay royalty fees for the use of vulcanite dentures. The Goodyear patents expired in 1881, allowing vulcanite dentures to become affordable and accessible on a previously unseen scale (BDA 2016). It is likely these dentures came from a burial after the Goodyear patents expired in 1881.



*Figure 4.23: Denture from Burial 033*

Burial 002 contained a black comb 2 ½ inches long, 1 9/16 inches high, and 1/8 inch thick (Figure 4.24). It appears to be some sort of plastic like substance, likely Vulcanite. Like the dentures described above, vulcanite provided an efficient production material for many household items. Ivor Noel Hume (1969) describes double-tooth combs in archaeological contexts as often having a rectangular shape with different size rows of teeth on either edge. Hume describes this style of comb continuing into the nineteenth century among poorer populations. Circa 1860, they were frequently made of vulcanite and referred to as lice combs (Hume 1969).



*Figure 4.24: Lice Comb from Burial 002*

Finally, many burials examined from the Saints Peter and Paul cemetery had pieces of twisted ferrous wire. This wire was often found on or near the head of the individual. These fragments of wire are likely the remnants of floral wreaths placed on the individual. No sources have been found indicating a specific Catholic or Polish link to this tradition. Lillie and Mack (2015), in researching the same material at the Dubuque cemetery had little luck finding cultural affiliations for such a practice. They noted it was sometimes a Latin American custom (Lillie and Mack 2015.) They also note it was a German tradition to put elaborate wreaths on the heads of those who die young as virgin brides to the church. This practice was more common in the sixteenth to eighteenth centuries (Lillie and Mack 2015). After examining mortuary photographs, Lillie and Mack also conclude, that this practice is part of the beautification of death. In striving to see children as pure, innocent, and close to nature, a floral wreath seems a fittingly elaborate inclusion in a burial. In this assemblage, 28 burials, or 26.2 percent of burials contained fragments of wire thought to be from a floral wreath. A photograph from the book *Wisconsin Death Trip* (Lesy 1973) shows two children in coffins with floral arrangements around their heads (Figure 4.25). This photo was taken in Black River Falls between 1890 and

1910, and shows a contemporary burial practice in an area approximately 40 miles from Ss Peter and Paul, providing a potential timeframe for some of the excavated burials.



Figure 4.25: Photograph from *Wisconsin Death Trip* Showing Floral Wreaths

## Concluding Remarks

The focus of this thesis is the study of the coffin hardware present in this chapter. The expected timeframe for interment was 1872-1930. The coffin hardware confirms that time range. Much of the material found in the excavated burials can be found in trade catalogs beginning in 1860-1870 and lasting into the 20<sup>th</sup> century. The presence of multiple shapes of burial containers, likely produced by a single furniture maker, suggests a range around 1900. Any items that were found in catalogs have a range between 1874 and 1918. This time period fits with the expected date ranges for the cemetery. Although all the items in the catalogs fit nicely within the expected range, there were no catalogs available to examine outside that range. Many existing catalogs are held in private collections or are not accessible to researchers from a distance.

It was originally hoped useful subdivisions of the expected time range for burials would be developed. At this time the material culture and available historic documentation do not provide enough information to separate graves into meaningful chronological order. It is stated that the burials took place between 1872 and 1930. Based on the distribution of coffin hardware, it seems there could be three groups of interments. The southern half of the section has very little coffin hardware. The northern section has a greater diversity of hardware with certain types of hardware grouped in either the western or eastern side of the northern section of burials. Two burials in the most northeastern corner date sometime after 1903, suggesting that grouping might be 1900 or later, but no definite subdivision can be made.

Much of the recovered material presented here is part of the beautification of death movement. A lot of the decorative items include saying like "Rest In Peace" or have motifs of lambs. This peaceful and innocent rest is characteristic of the views of death at the time. The presence of viewing windows and coffin lining would have created an illusion that the deceased was simply resting. Mytum (2004:35) cites the expanding capitalist market in allowing a wider number of people to participate in socially accepted rituals surrounding death and burial. These mass produced goods are seen in the assemblage at Ss Peter and Paul.



## **Chapter Five: Exploring Additional Dating Methods**

Although the study of coffin hardware recovered during the 2015 excavations is the main focus of the attempt to date this portion of the cemetery, there are two other methods that were explored during research into the Saints Peter and Paul Parish Cemetery. First, a seriation of gravestone material was conducted in the hopes it could provide a context for excavated markers and fragments of markers. Secondly, although not a definite means of dating any portion of the cemetery, the layout of the cemetery could suggest a timeframe for the excavated burials.

### **Gravestone Seriation**

Seriation of various aspects of gravestones is immensely useful to the field of historic archaeology. Meyer defines cemeteries as “outdoor, spatially delineated repositories of cultural artifacts” (Meyer 1995:2). Cemeteries, in general, also have the added benefit that they are dated. The material studied for seriations, the markers themselves, have a date reasonably close to when they were constructed and erected, with the exception of replacement stones. This creates a very controlled environment and the type of seriation rarely seen elsewhere in archaeological seriations.

The most notable example of gravestone seriation was conducted in East coast cemeteries by Edwin Dethlefsen and James Deetz. They developed a seriation based on three characteristic iconographies present in those cemeteries: death’s head, cherubs, and willows. Their findings allowed them to look at how the change in iconography spread around the region. They examined the interrelated changes between population, societal values, and social organization. (Dethlefsen and Deetz 1966). Although the cause of the spread of the iconography can be debated, the change in time is easily tracked and can provide some information about social ideas and their development on a regional scale.

Although some examples of seriation exist, it is a technique that could benefit from more work. Karen Kiest discusses Czech cemeteries on the Nebraska prairies in terms of negotiating Czech identity in a new place. She describes a lot of grave markers, including metal crosses. She explains that several types of marker materials represent settler's improvisations to their new environment; settling in certain areas restricts access to stone, so other materials must be used (Kiest 1993). Kiest provides a photograph from a cemetery in Nebraska belonging to a St Peter and Paul Catholic church showing a variety of iron crosses. These crosses look very similar to those found at Ss Peter and Paul in Independence, Wisconsin. The Nebraska church dates to 1876. A seriation of the material types in the Nebraska cemetery would be an excellent comparison to the one presented below for Ss Peter and Paul. Additional work such as that could provide a larger regional comparison when examining early cemeteries, especially Catholic or Eastern European.

Several markers were recovered from the fill above the excavated burials during the work done in 2013. A seriation study was conducted in the existing portion of the Ss Peter and Paul cemetery following guidelines presented by Barber (Barber 1994). This seriation was used to determine if the recovered markers or fragments of markers shared overlapping time periods with the still existing portion of the cemetery. Sections 1, 2, and, 3 of the existing cemetery were photographed and recorded. These sections contained markers in a time frame with suspected overlap of the burials excavated in 2015; these sections also included a wider timespan for a full comparison. The dimension studied was the material the marker was made of. The traits were marble, metal, concrete, and granite (examples of these markers can be seen in Figure 5.1.



*Figure 5.1: Examples of Marker Material Types*

The markers from these three sections had interments (based on listed death dates) from 1872-present. Five year increments were used to magnify any trends. This seriation only includes

markers from 1872-1934. Markers more recent than that are extremely unlikely to be representative of the burials uncovered in 2015. If a marker had multiple names, the earliest date was used and it was only counted once, assuming the stone was erected at the time of the first burial. In total, 392 markers are included in the seriation presented here. Counts and material types are presented in the tables below, both as total counts and as percentages.

Counts	Marble	Metal	Concrete	Granite	Total
1930-1934	3	0	0	42	45
1925-1929	9	2	5	41	57
1920-1924	13	1	4	18	36
1915-1919	27	2	2	27	58
1910-1914	28	6	1	10	45
1905-1909	24	4	2	4	34
1900-1904	24	12	0	10	46
1895-1899	16	6	1	3	26
1890-1894	13	4	0	0	17
1885-1889	11	1	0	1	13
1880-1884	3	0	0	2	5
1875-1879	3	1	0	1	5
1870-1874	5	0	0	0	5
Total	179	39	15	159	392

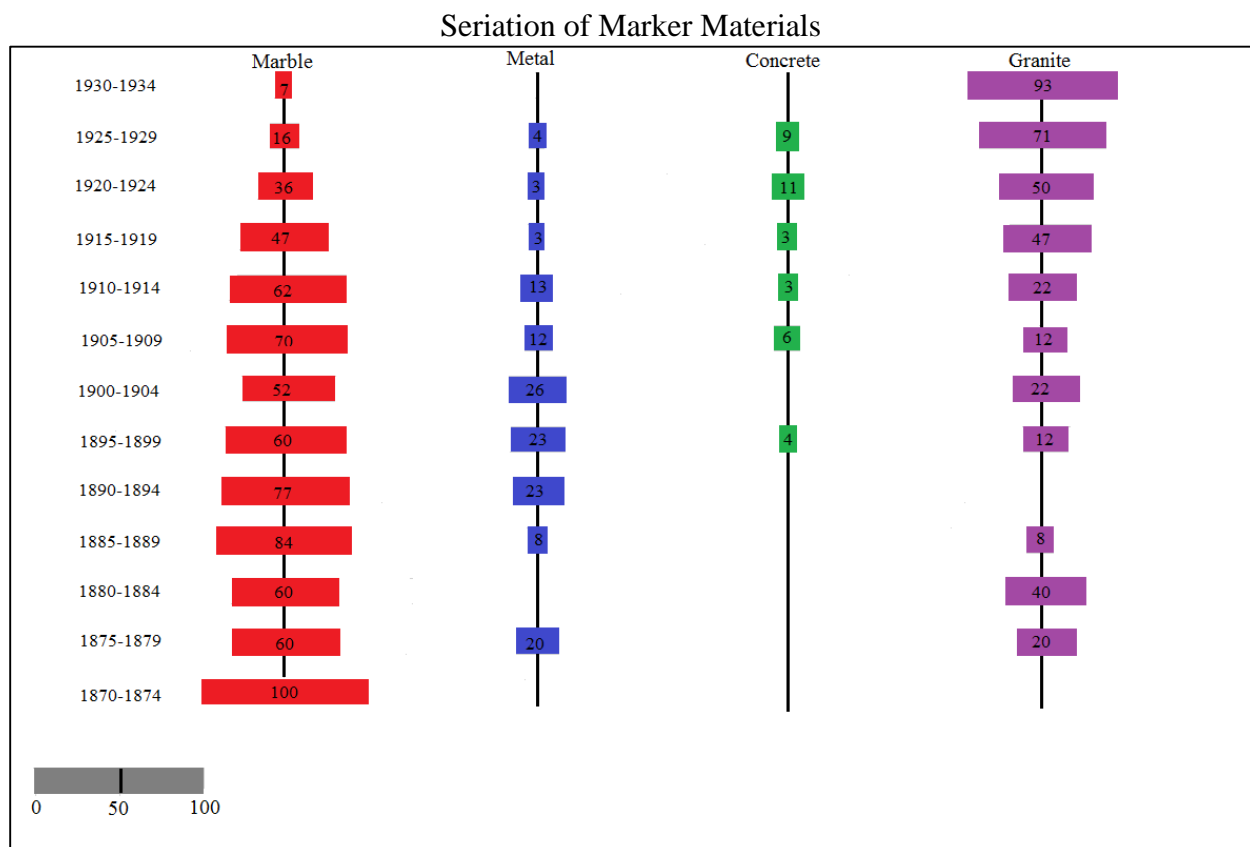
*Table 5.1: Total Counts for Marker Material by Year*

Counts	Marble	Metal	Concrete	Granite	Total
1930-1934	7%	0	0	93%	100%
1925-1929	16%	4%	9%	71%	100%
1920-1924	36%	3%	11%	50%	100%
1915-1919	47%	3%	3%	47%	100%
1910-1914	62%	13%	3%	22%	100%
1905-1909	70%	12%	6%	12%	100%
1900-1904	52%	26%	0%	22%	100%
1895-1899	60%	23%	4%	12%	100%
1890-1894	77%	23%	0%	0%	100%
1885-1889	84%	8%	0%	8%	100%
1880-1884	60%	0%	0%	40%	100%
1875-1879	60%	20%	0%	20%	100%
1870-1874	100%	0%	0%	0%	100%

*Table 5.2: Percent of Marker Types by Material Per Year*

Figure 5.2 shows the graphs of the percentages of each marker type by year. Several battleship curves, characteristic of seriation studies, can be seen.





*Figure 5.2: Marker Material Seriation graph*

As seen in the data, there are some trends in the popularity of different material types. Metal markers are at their most popular between 1890 and 1914. The recovered pieces of metal markers from the fill above the 2015 excavations would be expected to fall into that time period. There were two metal markers recovered, and both have dates. One marker dates to 1889 and the other to 1905. One falls outside the most popular timeframe for metal markers, but is not a complete outlier. Additionally, five marble markers were found. Three have dates including 1899, 1902, and 1904. These dates, while not being the absolute most popular years for marble, are still within a time period where marble markers were at least half of those represented in the cemetery. Along with these dated stones, fragments of marble and concrete were found. The additional marble fragments do not close the possible date range of the burials much, other than suggesting they are likely not from post 1925. The fragments of concrete have not been ruled

out as pieces of a pathway or other type of structure, but given the proximity to the other markers and the presence of concrete markers in the extant portion of the cemetery, they could represent markers. The sample size for concrete markers is not large, but the above graph suggests the concrete fragments could represent burials from 1905-1929. This could provide a wider timeframe than previously thought for the cemetery, although the fragments could also fall perfectly within the expected range. Ultimately, the existing portion of the Ss Peter and Paul cemetery provides an excellent illustration of the popularity of grave marker material through time. Unfortunately, the marker pieces recovered from the fill above the 2015 excavated burials does not provide a large enough sample to make any comparisons of significance. The recovered fragments could represent fifteen markers at the most although many of the small pieces likely fit together, meaning an even smaller sample size. This particular line of temporal evidence only confirms the widest time range; it does not narrow the time frame.

### **Cemetery Layout**

Members of the Ss Peter and Paul Parish believe the exhumed burials to have been unbaptized children or individuals who were not in unity with the church at their time of death, and were thus buried separately from active church members. This could be the case for some individuals, especially the excavated adults found at a distance and facing a different direction from the children. However, the spatial arrangement of the cemetery suggests the majority of the burials excavated in 2015 fit with the established pattern in the cemetery. Figure 5.3 shows the arrangement of the cemetery. Arrows indicates the direction the feet are in the burials, assuming each marker is at the head of the individual. Sections 4-9 are the yellow areas and are not included in any other analysis in this thesis because they represent a much newer time period. They are worth noting in that they face towards the church. Sections 1-3 are the red areas.

Section 1 is on the south side of the church and includes the earliest marked burials in the cemetery. There are no clear family plots, which may be a conscious decision on the part of the church. There are a few larger stones with a surname, but these only ever have two individuals around them. No areas of the cemetery are blocked off or show a particularly high concentration of a certain surname. The small pioneer cemetery and the Chimney Rock Lutheran Church cemetery north of Ss Peter and Paul do contain family plots. These are the closest cemeteries to Ss Peter and Paul and contain contemporary markers. It is possible the church sought to use the available space most efficiently by maintaining rows of burials without the reservation of spots for family members. The lack of family plots and a concern for use of space may also explain the presence of the children's section in the cemetery.

Starting in Section 1, the church appears to have created rows of individual burials facing the church or tabernacle. Although this practice is not common, some religious groups do bury their members towards a space of worship as opposed to a specific direction. Father Pace, Pastor of Ss Peter and Paul Parish, mentions it would not be unusual to see a Catholic burial ground oriented towards a cross instead of a cardinal direction (Father Woodrow Pace, personal communication 2016). Sections 2 and 3 follow the linear pattern established by Section 1. Although the original intent would have been to face the church, it would seem reasonable to maintain rows instead of wasting the space curving around the church. The green areas in the middle of the map are priests, who are often buried facing their congregations. The blue area is the existing children's section. These children face opposite of the adults in the same area. The graves here begin in 1912 and continue to the present. There is no indication these children were unbaptized or in anyway not in unity with the church at the time of their deaths. The orange area is the 2015 excavated burials. The smaller grey area is a group of six adult burials who face

contrary to anyone else in the section and are set off by an empty space between them and the children's burials. The individuals are thought to be separated from the church at the time of their deaths. A community member recalls a relative who committed suicide buried in that area. Because of this very clear special distinction, it seems likely the children in this section were not viewed in the same way those adults were.



*Figure 5.3: Map of Cemetery Layout Showing Direction of Burials (Adapted from Google Maps)*

Based on the layout of the cemetery, it could be suggested that the majority of the 2015 excavated burials represent individuals who were buried as recognized members of the church. They follow a pattern repeated on the south side of the church. A reasonable conclusion is that the children's section once extended from the north side of the church into what is now the current children's section in Section 3. This also gives us an approximate end of use date for the area excavated in 2015. If the existing children's section has an earliest marker of 1912, the excavated area was probably filled by that time.



Also of note, Section 1, the oldest in the cemetery, has a burial of an eight-year-old as the youngest individual. The next youngest is over ten years of age. It seems unlikely that all the children born into this parish before 1912 were either unbaptized or all survived to adulthood. This suggests that a separate children's area must have existed, and likely that the children interred there were not unbaptized or necessarily cast out of the church in some way.

### **Concluding Remarks**

Examining different lines of evidence can add to or verify the information gained from the study of the coffin hardware recovered at the Ss Peter and Paul Parish cemetery. The seriation of gravestone markers in the existing portion of the cemetery provides ranges where certain marker materials would be most common. The fragments of markers recovered from the excavated burials can be given a possible date range using the seriation graph. Some of those fragments had a date on them, and fell within the expected time range based on the popularity of the marker material. Although the seriation study does not provide a narrower time range for the burials, it confirms the expected time frame of 1872-1930.

Studying the layout of the cemetery also confirms the expected timeframe. It suggests the majority of the excavated burials (those in the seven main rows) were likely buried before the existing children's section began in 1912. Apart from providing information on the time of interment, the layout of the cemetery also provides some insight for the current parish members. It was believed the individuals excavated in 2015 were buried in that location because they were unbaptized or in some way at odds with the church. The layout of the current cemetery is very consistent: church members are buried facing the church. All but the three outlying burials fit this pattern. We can conclude those buried there were welcomed members of their parish community.

## **Chapter Six: Conclusions**

The focus of this thesis is the study of the coffin hardware recovered from the Ss Peter and Paul cemetery during excavations in 2015. The expected timeframe for interment was 1872-1930 based on knowledge of the existing cemetery, field crew knowledge during excavations, and community memory surrounding these burials. The coffin hardware confirms that time range. Much of the material found in the excavated burials can be found in trade catalogs beginning in 1860-1870 and lasting into the 20<sup>th</sup> century. The presence of multiple shapes of burial containers, likely produced by a single furniture maker, suggests a range around 1900. Any items that were found in catalogs have a range between 1874 and 1918. This time period fits with the expected date ranges for the cemetery. Although all the items in the catalogs fit nicely within the expected range, there were no catalogs available to examine outside that range. Many existing catalogs are held in private collections or are not accessible to researchers from a distance.

Examining other lines of evidence also confirms the expected date range. The gravestone seriation shows the recovered markers, based on the material they are constructed from, would fall into time ranges consistent with the expected outcome. Studying the layout of the cemetery also suggests a beginning and end range for interments based on the burials surrounding this section. The suggested range of 1872-1912 fits within the expected range.

It was originally hoped useful subdivisions of the expected time range for burials would be developed. At this time the material culture and available historic documentation do not provide enough information to separate graves into meaningful chronological order. It is stated that the burials took place between 1872 and 1930. Based on the distribution of coffin hardware, it seems there could be three groups of interments. The southern half of the section has very

little coffin hardware. The northern section has a greater diversity of hardware with certain types of hardware grouped in either the western or eastern side of the northern section of burials. Two burials in the most northeastern corner date sometime after 1903, suggesting that grouping might be 1900 or later, but no definite subdivision can be made.

When looking at the symbols and motifs present on the coffin hardware at the Ss Peter and Paul Cemetery, somethings are easily associated with the beautification of death movement like the expressions of resting in peace and the common symbol of the lamb. However, in this cemetery, there is also a continual overtone of religion in much of the coffin hardware and personal effects. It may seem tempting to dismiss the symbols found at Ss Peter and Paul as a by-product of religion, but, simply because those symbols appear in a cemetery with religious affiliation does not mean the people purchasing and using them were not participating in the other movement the symbols can represent. Viewing death in a peaceful almost loving light can go hand-in-hand with a desire to reach heaven, the safe respite from the fast paced evil in the world. As Bell (1990) notes, the mass produced hardware that came with the industrializing America of the mid-nineteenth century can be found all over the country in archaeological contexts. The pervasiveness of this material suggests, "...that similar material items were not only popular, but considered appropriate for the burial of the dead by many social and economic groups." (Bell 1990:1). This ultimately means a shared ideology about death. We can see then, that some of the excavated burials reflect the beautification of death movement, at the least the burials with the ornate coffins, the viewing windows, and the mass produced coffin hardware. The plain burials are more difficult to consider. They could simply be for individuals whose family could not afford the proper decorations. They could also be later burials, reflecting yet another change in the American understanding of death. As the responsibility for the dead began

to move further out of the home, people distanced themselves from death; mourning rituals changed, and so did the material culture associated with burials. Unfortunately, those plain burials at Ss Peter and Paul are likely to get no answers. Not enough information exists to provide any closer of an estimate to their time of burial.

In the context of the larger funerary industry, this cemetery represents a small snapshot. Many larger published studies look at cemeteries with a wider time of use. It could be that an approximately fifty-year window is too small to be able to develop an accurate chronology. In that case, additional studies are necessary to continue to build the existing knowledge of coffin hardware in the United States. Additional work documenting recovered hardware can provide multiple points of comparison for this or other future studies. Springate notes a lack of universal types of coffin hardware. Although this cannot be fixed simply by adding more studies, it provides a beginning to create that universal typology.

Other opportunities include the study of uncommon marker materials. The wrought iron crosses found at Ss Peter and Paul are similar iron wrought crosses found in Nebraska at a Czech Catholic church. A comparison of marker material and cemetery layout could would make an interesting study of differences or similarities in ethnic Catholic church practices. The material here could additionally be compared with cemeteries excavated in the future. As development continues to spread, more forgotten cemeteries will be uncovered. By having multiple points of comparison, archaeologists will be better able to develop a chronology of coffin hardware that spans regions, not just single cemeteries. Routes that these items traveled and patterns of consumption will be clearer.

The town of Independence, with its beginnings as a railway hub, saw many opportunities for change and growth. The railway could bring people and goods from all across the country. The town grew as new people, commodities, and ideas were brought to the town. The Ss Peter and Paul Parish would have witnessed these changes as well. New clergy members brought different ideas and plans to the church. The parish grew as related buildings and schools were built, improved, and redone. Each new leader and project a representation of the ideas they believed at the time. It is important to consider changes like these in the church and community because they are a reflection of a specific time period. The Ss Peter and Paul cemetery has seen a long period of use, and with that, changing views of death in the community. It is important to consider that the attitudes of a community in the present day towards death may not be the same as those of a past community.

The members of the Ss Peter and Paul church have expressed their concerns that this portion of the cemetery was nearly forgotten. There has been speculation as to why these graves are now unmarked, and feelings of guilt associated with the lack of knowledge. Although the exact why may not be answered, this project can provide some insight for the current parish members. It was believed the individuals excavated in 2015 were buried in that location because they were unbaptized or in some way at odds with the church. The layout of the current cemetery is very consistent: church members are buried facing the church. All but the three outlying burials fit this pattern. We can conclude those buried there were welcomed members of their parish community. A project that began as a highway survey created an opportunity for archaeologists to work closely with a community.

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## Appendix A: Artifact Inventory

Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
1			22+	machine cut	1																		1 ferrous metal fragments, 2 copper metal fragments	
2			16+	machine cut																			3 ferrous wire fragments	1 black comb, possibly Vulcanite.
3			22+	machine cut																				
4			21+	machine cut																				
5	1	Type 1.1 (1)	10+	machine cut	5																			
6			5 machine cut, 1 6+	wire																				
7	1	Type 1	24+	wire																				
8			35+	wire					1 Type 4															
9A & 9B			44+	machine cut																				
10			16+	machine cut																			ferrous metal wire fragments	
11	1	Type 1	10	cut																				
12	2	Type 2 (2)	17+	cut																				
13	2	Type 2 (2)	11+	wire					1 Type 1															
14	10	Type 2 (4), Type 2.3 (1), Type 2.6 (1), Type 2.8 (1), Type 12.2 (1), Type 14 (2)	37+	wire																				
15	1	Type 22	21+	wire																				

Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
16	3	Type 2 (1), Type 2.6 (2)	17+	wire	1			3	Type 11 (3)	3	Type 8					4	Type 8 (4)	1	Type 1.3					
20	9	Type 8.2 (5), Type 18 (3), Type 19 (1)	56+	wire			Type 4 (2)									5	Type 1.5 (5)					3- possible hinge (with material covering it) and 2 bracket		Type 2 crucifix, possible tie clip, wristwatch, prayer book
21	2	Type 12.3 (2)	61+	wire, 1 tack						1	Type 1.5					9	Type 20 (6), Type 21 (3)			1	Type 12	12 latch pieces	fragments of coffin liner and burial shroud?	rosary with no crucifix, possible fragment of a prayer book
23	2	Type 14 (2)	25+	wire	2											lug only	Type 5			1	Type 3			
24			13+	wire, one finishing																				
25			6+	wire																				
26			20+	machine cut																				
28	4	Type 21 (3), Indeterminate (1)	59 wire, 1 machine cut	60												6	Type 17 (6)	3	Type 1.4 (2), Indeterminate (1)			metal plate, screw with loop at top, 2 hinges, possible latch piece	1 clear glass shard, 8 brick fragments (2 red, 6 white), partially braided black fiber	
29	6	Type 2 (2), Type 12.1 (4)	79+	wire	1			2	Type 9 (1), Type 10 (1)	4	Type 7 (4)	1	Type 4 (4)			3	Type 6 (3)			1	Type 4	latch and hinge	window sealant fragment, possible prayer card fragment	

Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
30			85+	wire	1	1 (fragmentary)	Indeterminate	12	Type 11 (12)	6	Type 8 (6)	Indeterminate	Type 2				Type 12 (6)	2	Type 6 (1), Type 7 (1)	1	Type 6		window sealant, ferrous latch attached to coffin wood, silvery latch pieces (2), twisted ferrous metal wire fragments (20+)	crucifix Type 1 with beads, prayer or mass book, prayer card
31			22+	machine cut																			ferrous metal wire fragments	
32			20+	machine cut																				
33			69+	wire	1			2	Type 12 (2)	4	Type 12 (4)						Type 18 (6)			1	unknown type (too fragmentary)	possible fragments of escutcheons	ferrous metal wire fragment, misc fabric	crucifix type 3, book
34		Type 9 (1.2 (9))	8+	3 are PP05, all wire																				
35		Type 9 (3)	29+	wire				Undetermined	Indeterminate	4	Type 13 (4)												18 ferrous metal wire fragments (some material adhered to it)	
36			21+	machine cut																				
37	17	Type 2.3 (2), Type 2.4 (1), Type 2.5 (1), Type 2.6 (1), Type 16 (11), Type 17 (1)	20+	wire, finishing			Type 13.1																brown unidentified cloth	

Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
38	10	Type 1.2 (7), Type 10.3 (3)	15+	machine cut																			wire fragments, turquoise fiber, unidentified decayed organic material	
39	1	Type 2.7 (1)	19+	wire (4 melted)																	1 Type 10		pieces of black cloth, some burnt	
40			14+	machine cut				3	Type 8 (3)	5	Type 6 (5)										1 Type 7			
41			43	37 wire, 6 machine cut				16	Type 6 (14), Type 7 (2)	4	Type 11 (4)					4	Type 10 (4)	1	Type 5			1 unidentified hardware piece	twisted ferrous metal wire	
42A	2	Type 2.1 (2)	9+	wire						6	Type 1 (6)					4	Type 14 (4)	1	Type 5				6 ferrous metal wire pieces	
42B	7	Type 2.1 (1), Type 2.3 (6)	18+	wire						3	Type 1 (3)					4	Type 13 (4)	1	Type 5				twisted ferrous wire fragment	
42 A&B			71+	wire	1					3	Type 1 (3)											2 screws w/metal plating (looks like the wire wrapped ones)	twisted ferrous wire fragment	
45	1	Type 6 (1)	7+	wire																				
46			35+	machine cut																			fragments of light brown cloth, wire fragments with hair and material, unidentified decayed organic material	

[illegible]

[illegible]

Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
146			17+	machine cut																			Glass nursing bottle with "NIB" and "Infants Nursing Bottle" embossed on it	
147			8+	machine cut																				
148			15+	machine cut																				
149	14	Type 2 (6), Type 2.1 (1), Type 2.2 (6), Type 11 (1)	52+	wire				3	Type 8 (3)	4	Type 6 (4)	1	Type 1									4 pieces of wire w/screws	ferrous wire pieces	
150	2	Type 1.2 (2)	8+	machine cut																				
151	7-9	Type 2 (1), Type 10.2 (1), Indeterminate Shell (5-7)	16+	wire				3	Type 4 (3)	4	Type 2 (4)											8 screws with metal piping around them	51 pieces of twisted ferrous metal wire, some with material adhering to it	
152	5	Type 3 (2), Type 4 (2), Indeterminate (1)	22+	17+ wire, 5 possible finish head		4	Type 1 (1), Type 2 (1), Indeterminate fragments (2)																	
153			27+	machine cut				2	Type 4 (2)	4	Type 4 (4)												2 pieces unknown shiny black material covered in sand concretion	



Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
154			5	wire																				
155			6	wire, possibly 2 finishing nails					Type 2 (4), Type 4 (1)															
156	4	Type 2.3 (2), Type 2.6 (2)	27+	wire																				
157			38+	machine cut																			pieces of ferrous metal wire	
158	4	Type 2 (3), Type 2.1 (1)	23+	wire																			conglomeration of wire nails, cloth on wood w/nails	
159	8	Type 1.1 (3), Type 5 (5)	11+	possible machine cut																				
160	7	Type 2 (6), Indeterminate (1)	16+	machine cut																				
161	3	Type 8.1 (2), Indeterminate (1)	14+	wire					2 Type 4 (2)		4 Type 4 (4)						Type 4 4 (4)					5 staple pieces, screw with metal piping		
162	1	Type 2	14+	wire nails																			1 piece unidentified black/brown fabric	
163			10+	wire nails																				
164			23+	wire																			twisted ferrous wire w/ hair and fabric	
165			14+	wire																				
166			37+	wire															Type 2 (4 fragments)				twisted ferrous wire	

Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
167	3	Type 11 (3)	16+	wire																			twisted ferrous wire	
168	10	Type 1.1 (1), Type 12 (9)	18+	machine cut																				
169	1	Type 9	10+	wire																				
171	3	Type 2 (3)	37+	wire						4	Type 9 (4)					4	Type 9	1	Type 3			3 triangular brackets?	twisted ferrous wire fragments	
172			11+	11+ Wire																				
173	1	Type 2.2	28+	machine cut														68+	brads/ small tacks				metal fragments-wire/pin?	
175	1	Type 1.2	16	14 wire, 1 machine cut, 1 machine cut tack																				
176	4	Type 15.1 (2), Type 20 (2)	19+	wire					Type 7 (4), Type 11 (6)								Type 16 (4)	1	Type 6					
177	3	Type 14 (2), Type 15 (1)	39+	wire, one machine cut					3 Type 6 (3)	4	Type 5 (4)	4	Type 4 (4)				Type 5 (4)	1	Type 1.2					
178	5	Type 2 (4), Type 2.2 (1)	32+	wire						4	Type 5 (4)	4	Type 4 (4)				Type 6 (3), Type 7 (1)	1	Type 1.2	1	Type 3		window sealant	
179			15+	wire						3	Type 14 (3)						Type 19 (4)	1	Type 1.3			fragment of wire piping	shoe fragments	
180			20+	machine cut																			ferrous metal wire fragments one w/cloth	

[illegible]

Burial	Button Count	Button Type	Nail Count	Nail Type	Screw Count	Pin Count	Pin Type	Ornamental Tack Count	Ornamental Tack Type	Thumbscrew Count	Thumbscrew Type	Escutcheon Count	Escutcheon Type	Caplifter Count	Caplifter Type	Handle Count	Handle Type	Ornamental Metal Count	Ornamental Metal Type	Viewing Window Count	Viewing Window Type	Other Hardware	Other Material	Personal Items
Feature 1	1	Type 2.1	6	wire																			1 clear glass, 1 green glass, twisted copper wire (unknown shape, but not like other wire from head), metal pipe fitting	
Feature 2			4	finishing																				
Machin e Scrape			2 wire, 1 3	finishing														1	Type 1.3				1 solidified sandstone biface, 1 silver metal solder mass	

## Appendix B: Coffin Hardware Variety Photographs

### Handles

#### Handle Variety 1



#### Handle Variety 2



#### Handle Variety 3 (with view of marking on back)



Handle Variety 4



Handle Variety 5



Handle Variety 6



Handle Variety 7



Handle Variety 8



Handle Variety 9





Handle Variety 10



Handle Variety 11



Handle Variety 12





Handle Variety 13



Handle Variety 14



Handle Variety 15



Handle Variety 16



Handle Variety 17



Handle Variety 18



Handle Variety 19



Handle Variety 20



Handle Variety 21





## Thumbscrews

### Thumbscrew Variety 1



### Thumbscrew Variety 2



### Thumbscrew Variety 3



Thumbscrew Variety 4



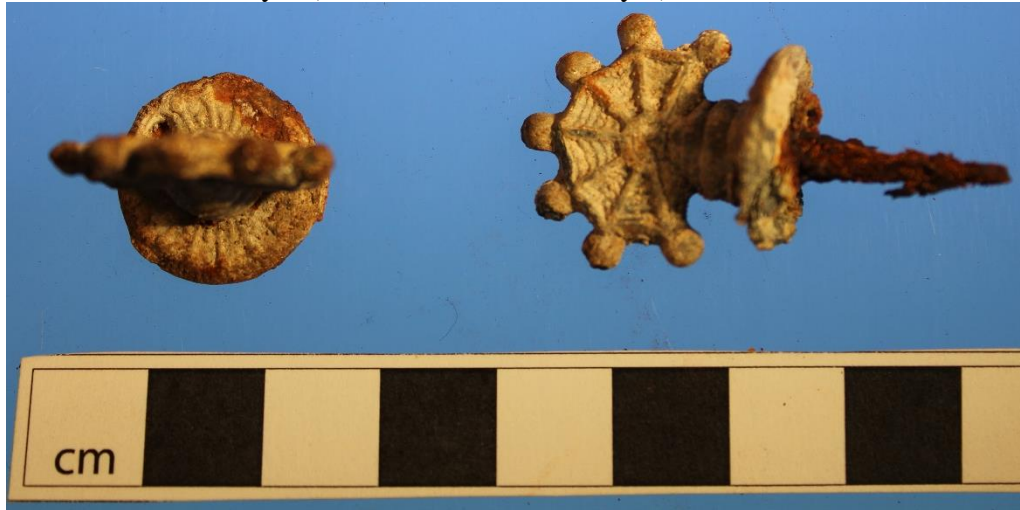
Thumbscrew Variety 5



Thumbscrew Variety 6



Thumbscrew Variety 7 (with Escutcheon Variety 4)



Thumbscrew Variety 8 (with Escutcheon Variety 3)



Thumbscrew Variety 9





Thumbscrew Variety 10



Thumbscrew Variety 11



Thumbscrew Variety 12



Thumbscrew Variety 13



Thumbscrew Variety 14



Thumbscrew Variety 15





## Escutcheons

Escutcheon Variety 1 (with Thumbscrew Variety 6)



Escutcheon Variety 2 (with Thumbscrew Variety 8)



Escutcheon Variety 3 (with Thumbscrew Variety 8)



Escutcheon Variety 4 (with Thumbscrew Variety 7)



### Caplifters

Caplifter Variety 1



Caplifter Variety 2



## Ornamental Tacks

Ornamental Tack Variety 1



Ornamental Tack Variety 2



Ornamental Tack Variety 3



Ornamental Tack Variety 4



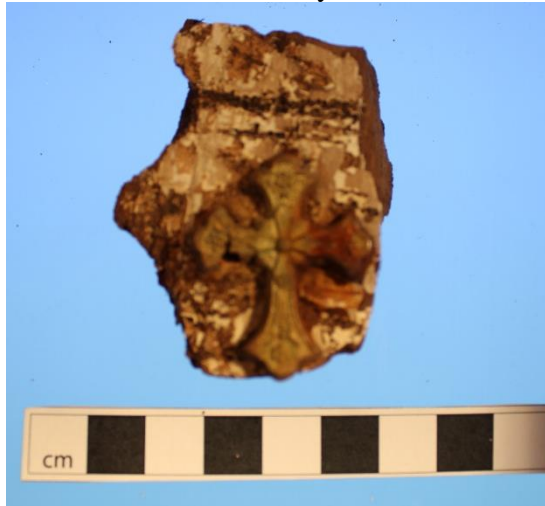
Ornamental Tack Variety 5



Ornamental Tack Variety 6



Ornamental Tack Variety 7



Ornamental Tack Variety 8



Ornamental Tack Variety 9

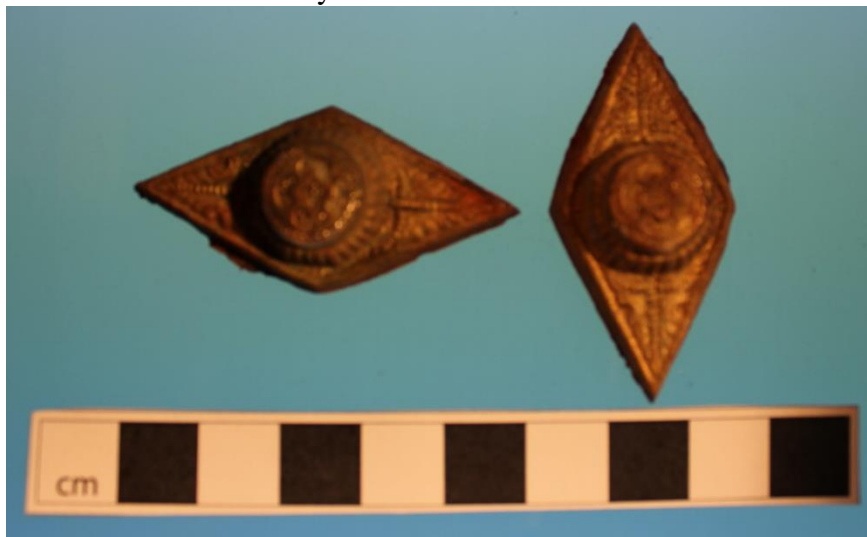




Ornamental Tack Variety 10



Ornamental Tack Variety 11



Ornamental Tack Variety 12



Ornamental Tack Variety 13



**Ornamental Metal**  
Ornament Variety 1



Ornament Variety 1.1



Ornament Variety 1.2



Ornament Variety 1.3





Ornament Variety 1.4 (front and back)



Ornament Variety 2



Ornament Variety 3



Ornament Variety 4



Ornament Variety 5



Ornament Variety 6



Ornament Variety 7



## **Appendix C: Burial Summaries**

The following burial descriptions are adapted from the report: *The Archaeological Investigations and Burial Analysis at Ss Peter and Paul Parish Cemetery (Btr0024) City of Independence Trempealeau County, Wisconsin* produced by Commonwealth Heritage Group (Watson et al. 2016). The descriptions provide the location of the burial relative to the church and other burials, and information about the coffin, coffin hardware, and any additional artifacts.

### **Burial 001**

Burial 001 was located on the southeastern side of the excavated portion of the cemetery and contained the remains of one infant. Although there are no straight rows, this burial is approximately in the fourth row of burials north of the church. Burial 033 was to the west and Burial 182 was to the east. The burial was truncated on the east side by a large slump and partially by burial 182.

#### Coffin

The coffin was not visible during excavation. The burial shaft was rectangular, measuring 130 cm long  $\times$  42 cm wide (51.2  $\times$  16.54 in). A sample of 22 or more machine cut nails was collected, along with a single screw of indeterminate size. Many of the nails were very fragmented but complete nails were about 6.35 cm (2.5 in).

#### Associated Artifacts

Three pieces of wire were found with this burial. Color of the wire indicates one is ferrous and two have copper components. No additional artifacts were recovered.

### **Burial 002**

Burial 002 was located on the southeastern side of the excavated area and contained the remains of one infant. Burial 002 was roughly in the third row of burials north of the church and was between Burial 003 on the west and Burial 173 on the east.

#### Coffin

The coffin was rectangular in shape, measuring 91 cm long  $\times$  31 cm wide (35.8 in  $\times$  12.20 in).

The size of the nails was difficult to determine due to the fragmentary nature of the nails collected. An estimated 16 nails make up the sample. They are all machine cut and potentially 3.75 to 6.35 cm (1.25 to 2.5 in) long.

#### Associated Artifacts

A black comb 6.35 cm long  $\times$  3.97 cm wide  $\times$  0.32 cm thick (2.5 in  $\times$  1.56 in  $\times$  0.125 in) was associated with the burial. The comb's material appears to be plastic, likely Vulcanite. Three fragments of a ferrous metal wire also were identified.

### **Burial 003**

Burial 003 was located on the southeastern side of the excavation area and included the remains of a single infant. Burial 003 was roughly in the third row of burials north of the church and was between Burial 004 on the west and Burial 002 on the east.

#### Coffin

The coffin was rectangular in shape, measuring 70 cm long  $\times$  26 cm wide (27.6 in  $\times$  10.24 in). A sample of 22 machine cut nails was collected. Complete nails range in length from 6.35 cm to 7.62 cm (2.5 in to 3 in). No additional hardware was identified.

#### Associated Artifacts

No additional artifacts were recovered from this burial.

### **Burial 004**

Burial 004 was located on the southeastern side of the excavated area and included the remains of a single infant. Burial 004 was roughly in the third row of burials north of the church and was between Burial 006 on the west and Burial 003 on the east.

#### Coffin

The coffin was rectangular in shape, measuring 73 cm long  $\times$  26 cm wide (28.7 in  $\times$  10.24 in). A sample of 21 nails was collected from the burial. The nails were machine cut and approximately 6.35 cm (2.5 in) long.

#### Associated Artifacts

No other artifacts were found in association with this burial.

### **Burial 005**

Burial 005 was located on the east central side of the excavated area and included a perinate. Burial 005 was roughly in the fourth row of burials north of the church and next to Burial 183 on the west and Burial 168 on the east.

#### Coffin

The coffin had an indistinct shape, but may have been rectangular based on field photographs. The coffin measured 75 cm long  $\times$  26 cm wide (29.5 in  $\times$  10.24 in). Five screw fragments were recovered. A sample of approximately 10 machine cut nails was collected. The nails were too fragmentary to obtain measurements.

#### Associated Artifacts

One Type 1.1 button was associated with this burial. No additional artifacts were recovered.

### **Burial 006**

Burial 6 was located on the southeastern side of the excavated area and included the remains of a single infant. It was roughly in the third row of burials north of the church and next to Burial 007 on the west and Burial 004 on the east.

#### Coffin

The hexagonal shape of the coffin in the transverse plane gave the coffin side-walls an appearance of bowing outwards. In the coronal plane, the coffin retained a rectangular shape, measuring 113 cm long  $\times$  16 cm wide (44.5 in  $\times$  6.3 in). The coffin exterior exhibited yellow or gold paint. A sample of six nails was collected: five machine cut and one wire nail. The machine cut nails were approximately 6.35 cm (2.5 in) long and the wire nail was over 7.62 cm (3 in) long. No additional coffin hardware was identified.

#### Associated Artifacts

No additional artifacts were found with this burial.

### **Burial 007**

Burial 007 was located on the eastern side of the excavated area and included the remains of an infant. It was roughly in the third row of burials north of the church and next to burial 008 on the west and 006 on the east.

#### Coffin

The coffin was rectangular in shape, measuring 71 cm long  $\times$  23 cm wide (28.0 in  $\times$  9.06 in). A sample of at least 24 nails was recovered, consisting of wire nails ranging in length from 4.13 cm to 8.26 cm (1.63 in to 3.25 in). No additional coffin hardware was recovered with this burial.

#### Associated Artifacts

A single Type 1 button was associated with Burial 007. No other artifacts were identified with this burial.

### **Burial 008**

Burial 008 was located on the south central side of the excavated area and included a single infant. It was roughly in the third row of burials north of the church and next to Burial 009 and Burial 150 on the west and Burial 007 on the east.

#### Coffin

The coffin was rectangular in shape, measuring 95 cm long x 30 cm wide (11.8 in × 37.4 in). A sample of 35 wire nails was collected. The nails measured 5.08 cm to 8.26 cm (2 in to 3.25 in). A Type 4 coffin stud was associated with the burial, and field notes indicate it was above the center of the coffin. Four Type 1 screw covers were found with this burial, but their original location is unknown. No additional hardware was identified.

#### Associated Artifacts

No additional artifacts were found with this burial.

### **Burial 009 (Individuals 009a and 009b)**

Burial 009 was located on the south central side of the excavated area nearest to the third row of burials north of the church. Burial 008 was to the east of Burial 009 and Burial 010 was to the west. Burial 009 is a double burial; two individuals were identified within one grave shaft. An infant (Individual 009a) was identified within one coffin and a fetus (Burial 009b) was identified in the second.

#### Coffin

The burials were identified side-by-side, with about 20 cm (7.87 in) between the two coffins, in a single grave shaft. The coffin containing the larger individual (Burial 009a) was rectangular and measured 82 cm long × 27 cm wide (32.3 in × 10.63 in). The smaller coffin containing Burial 009b was four-sided and tapered towards the feet, with a maximum length of 65 cm and



maximum width of 24 cm at the north end (25.6 in × 9.45 in). A sample of 44 machine cut nails was collected. The nails range in length from 5.08 cm to 8.26 cm (2 in to 3.25 in). Nails were not collected separately for the two burials. No additional coffin hardware was collected.

#### Associated Artifacts

No additional artifacts were identified with the burials.

#### **Burial 010**

Burial 010 was located on the south central side of the excavated area. It was roughly in the third row of burials north of the church. Burial 009 and Burial 150 were located to the east and Burial 131 on the west.

#### Coffin

The coffin was rectangular in shape with a length of 78 cm and a width of 23 cm (30.7 in × 9.06 in). A sample machine cut nails totaled 16. Complete nails measured 6.35 cm (2.5 in). No additional coffin hardware was identified.

#### Associated Artifacts

Seventeen pieces of twisted ferrous metal wire fragments were recovered from this burial. These may be pieces of a floral wreath originally placed on the head of the individual. No additional artifacts were identified.

#### **Burial 011**

Burial 011 was located near the center of the main excavation area and contained a perinate. It was in roughly the fourth row of burials, north of the church. Burial 012 was to the west and Burial 159 was to the east of Burial 011.

#### Coffin

The coffin was rectangular in shape, measuring 68 cm long × 22 cm wide (26.8 in × 8.66 in). A sample of 10 machine cut nails was collected. The nails were 5.72 cm to 6.67 cm (2.25 in to 2.63 in) in length. No additional coffin hardware was present.

#### Associated Artifacts

One Type 1 button was associated with Burial 011. No additional artifacts were recovered.

#### **Burial 012**

Burial 012 was located near the center of the main excavation area and contained an infant. It was in roughly the fourth row of burials north of the church. Burial 026 was to the west and Burial 011 was to the east of Burial 012.

#### Coffin

The coffin was rectangular in shape, with a length of 81 cm long and 46 cm wide (31.9 in × 18.11 in). At least 17 nails were recovered, which appear to be machine cut. Fairly uniform, the nails measure 6.35 cm (2.5 in) in length. No additional coffin hardware was recovered.

#### Associated Artifacts

Two Type 2 buttons were associated with Burial 012. No additional artifacts were associated with this burial.

#### **Burial 013**

Burial 013 was located near the north central portion of the main excavation area and contained fetal remains. The burial was in roughly the sixth row north of the church. Burial 024 is to the west and burial 014 is to the east.

#### Coffin

The coffin shape was difficult to determine because the northern portion of the coffin was truncated by the backhoe during site stripping. The coffin is tapered towards the feet and may

have been four-sided, measuring 42 cm long and 18 cm wide (16.5 in × 7.09 in). A Type 1 coffin stud was recovered from this burial. A sample of 11 wire nails was collected, all of which measured approximately 6.35 cm (2.5 in) long.

#### Associated Artifacts

Two Type 2 buttons were associated with Burial 013. No additional artifacts were identified.

#### **Burial 014**

Burial 14 was located near the north central portion of the main excavation area and represents the remains of a single infant. The burial was in roughly the sixth row north of the church.

Burial 013 is to the west and Burial 015 is to the east.

#### Coffin

This burial appears to have consisted of an outer wooden vault and an inner wooden coffin. The outer vault was rectangular. The inner coffin had a less distinct shape and was painted white. A sample of 37 wire nails was collected. The nails ranged in length from 4.445 cm to 6.35 cm (1.75 in to 2.5 in). A washer measuring one inch in diameter was collected from the burial. A Type 1.3 decorative metal crucifix was placed over the chest of the individual. The cross appears to have shifted when the burial was lowered into the ground, as the top of the crucifix is pointing towards the feet. Ten Type 13 coffin studs were found with the coffin. Four were along the edge of the coffin or on displaced parts of the collapsed coffin lid. Four Type 16 handles were attached to the coffin. A latch, similar to that seen in other burials, was also present. Four thumbscrews were identified. The thumbscrews were Type 8 and each had an escutcheon with it. Two escutcheons were Type 2 and two were Type 3. A Type 11 coffin viewing window was recovered, with the narrower end oriented towards the head. The glass may also have remnants of a prayer card adhered to it. Pieces of sealant from the viewing window were collected as well.

### Associated Artifacts

Ten buttons were associated with this burial. Four of the buttons were Type 2 buttons, one was Type 2.3, one was Type 2.6, one was Type 2.8, two were Type 14, and the last was Type 12.2. One Type 4 pin was identified. Fifty-three fragments of twisted ferrous wire were associated with the burial; cloth adhered to some of the bone fragments and many were near the skull. Three leather shoe fragments with metal eyelets were also present in this burial.

### **Burial 015**

Burial 015 was located in the northeast portion of the main excavation area and contained the remains of an infant. The burial was in roughly the sixth row north of the church. Burial 014 is to the west and Burial 016 is to the east.

### Coffin

The coffin was rectangular, measuring 61 cm long  $\times$  20 cm wide (24.0 in  $\times$  7.87 in). A sample of 21 wire nails was collected. The nails ranged in size from 6.99 cm to 8.89 cm (2.75 in to 3.5 in) in length. No additional hardware was collected.

### Associated Artifacts

One button was associated with this burial. The button was a Type 22 button and was adhered to the skeletal remains. No additional artifacts were identified.

### **Burial 016**

Burial 016 was located in the northeast portion of the main excavation area and contained the remains of one fetus. The burial was in roughly the sixth row north of the church. Burial 015 is to the west and Burial 175 is to the east.

### Coffin

The coffin was four-sided and tapered towards the feet, measuring 77 cm long × 40 cm (30.3 in × 15.75 in) wide. A sample of seventeen wire nails was collected and they measured 5.08 cm to 6.35 cm (2 in to 2.5 in) long. One screw was also collected. A Type 1.3 ornamental metal cross was placed on the middle of the coffin. At least three Type 11 coffin studs were associated with the burial. They are fragmentary, but three stud portions were recovered. Three Type 8 thumbscrews were also identified. Four Type 8 handles were recovered from the burial. Two handles were paired at the head of the coffin, and two handles were paired at the foot of the coffin.

#### Associated Artifacts

Three buttons were associated with the burial. One was a Type 2 button, and the other two were Type 2.6 buttons. No additional artifacts were identified.

#### **Burial 020**

Burial 020 was located in the furthest north row of burials that are outside the main grouping of burials and contains the remains of one young adult male. Burial 021 is to the west of Burial 020 and Burial 028 is to the east.

#### Coffin

The coffin was rectangular in shape, measuring 178 cm long × 52 cm (70.1 in × 20.47 in) wide. A sample of 56 wire nails was collected. The nails ranged in length from 5.08 cm to 7.62 cm (2 in to 3 in). Five Type 15 handles were associated with this burial. Three additional pieces of degraded hardware were found and have an unknown function. Two might be a bracket of some type. The others might have a latch component as they are covered in cloth, which also suggests the coffin may have been cloth-covered. No additional hardware was identified.

#### Associated Artifacts

Nine buttons were found with this burial. Three were Type 18 buttons, one was a Type 19 button, and five were Type 8.2 buttons. The Type 19 button was found near the pelvis of the individual, indicating it may have been part of a garment on the lower half of the body. The original location of the other buttons is unknown. A corroded metal object with plastic and cloth was found. It may have been a tie clip or pin with plastic enameling. The enameling is pink, red, green, yellow, and black speckled together. The object is 5.72 cm (2.25 in) long and 2.22 cm (0.875 in) wide. Various amounts of fabric material were collected from the burial. It is brown in color and is made of a close weave. Notes indicate some was found near the pelvis, some on the left ribs, some near the left scapula or clavicle, and some with an unknown location. Material found near the right arm and scapula also had remnants of hair with it. Parts of the material show stitching and hems, while other parts are frayed. The material may have been a coffin liner or burial shroud. None of the material is distinguishable as belonging to separate items. Two Type 4 pins are represented with two pin clasps in this burial. Their location on the body is unknown. A wristwatch was found on the left arm of the individual. The watch is a fragmented, silver-colored wristwatch. The face casing is 3.81 cm × 3.81 cm (1.5 in × 1.5 in), including the winding dial. The casing has an Art Deco-style design around it, including straight lines and circles. The face is partially obscured with discoloration (blue and rust colored) and the numbers on the face are stylized with vertical lines. The plastic cover from the face of the watch is discolored with rust. The face bears the name Ingersoll. The surviving links have a chevron-like design on them and are 1.27 cm (0.5 in) wide. The length of the chain is unknown. No serial number or marks are present on the watch casing. A book was found near the left hand of the individual. It is suspected to be a Bible or prayer book. The cover is made from leather and has gold colored markings on it, including a cross design and letters “ANIOT STROZ” (guardian

angel). Part of the cover has a frame with a small copper cross; a Type 2 crucifix was found with this burial. The cover also has copper hinges. The pages were fragmentary and stuck together due to water logging. Printing now appears blue. Legible Polish words include: “*policy*,” “*Prezibodli*,” “*Dawid*,” and “*nich*,” which respectively translate to the English words *count*, *pierced*, *David*, and *them*. No additional artifacts were found.

### **Burial 021**

Burial 021 was located in the furthest north row of burials that are outside the main grouping of burials and contains the remains of one young adult female. The known burial for Kampa was located to the west and Burial 020 is to the east of Burial 021.

#### Coffin

The coffin was rectangular, with a partially collapsed side. A sample of 61 wire nails was collected, along with one tack fragment. The nails ranged from 4.45 cm to 6.35 cm (1.75 in to 2.5 in). Six Type 20 handles were found with this burial. Likely, three were placed on each of the long sides of the coffin. Fabric adhered to the handles suggests the coffin was covered in fabric. Additionally, three Type 21 handles were identified. They are very plain in style with wood rather than fabric attached to the back. With the presence of the Type 20 handles, the function of these three is not known. One Type 15 thumbscrew was found with this burial. The size is larger than usual, and because there is only one, it could have been used to secure a panel over the viewing window. Twelve pieces of hardware, all likely part of latches on the coffin, were also recovered. The latches also have fabric adhered to them. The coffin contained a viewing window. The window was severely fragmented in the ground, so its full shape and size is indistinct. The edge towards the top of the coffin was flat and it had a ground, smooth edge. Some fragments of glass had a coarse brown material adhered to them.

### Associated Artifacts

A number of fragments of black fabric were recovered from the burial. The material is two distinct types. One is heavier and has a chevron-like pattern. This type has rust stains and wood adhered to it, indicating it might have been part of a coffin liner. The other type of fabric was thinner with a tighter, even pattern and a whip stitch on the end. One piece of this fabric was noted near the skull, suggesting that it may have been a burial shroud. Two Type 12.3 buttons were recovered near the pelvic region. A rosary was placed in the hands of the individual. The beads alternated between smooth and a design of circles (roses). No crucifix was found with the rosary. A small fragment found with the burial may be part of a prayer book. The fragment has part of a leather cover and the pages show some gold on the edges.

### **Burial 023**

Burial 023 was located in the north central portion of the main excavation area and contained fetal remains. The burial was in roughly the seventh row, north of the church. Burial 029 is to the west and Burial 017 is to the east.

### Coffin

This burial contained an inner and outer coffin. The outer coffin was rectangular and made of wood. The inner coffin appears six-sided with very rounded corners towards the middle of the coffin. The inner coffin was painted white and was 74 cm long × 21 cm wide (29.1 in × 8.27 in). A sample of 25 wire nails was collected, ranging in size from 5.08 cm to 7.62 cm (2 to 3 in). Additionally, two screws were found. The coffin had a glass viewing window on it. It is a Type 3 window, very roughly cut, and has some paper (likely a prayer card) and sealant adhering to it. The tapered end of the viewing window is closest to the top of the coffin. A single lug for a handle was recovered with this burial. The type of lug is the same present in Type 5 handles.



No grip or additional hardware was recovered. No additional hardware or decoration was identified.

#### Associated Artifacts

Two Type 14 buttons were associated with this burial. No additional artifacts were recovered.

#### **Burial 024**

Burial 024 was located in the north central portion of the main excavation area and contains the remains of an infant-perinate. The burial was in roughly the seventh row north of the church.

Burial 025 is to the west and Burial 013 is to the east.

#### Coffin

The coffin was six-sided, tapering towards the feet with the widest part at the center of the coffin. A sample of approximately 13 wire nails was collected and most were too fragmented to measure. A single finishing nail was 7.62 cm (3 in) long. No additional hardware was identified.

#### Associated Artifacts

No additional artifacts were associated with this burial.

#### **Burial 025**

Burial 025 was located in the north central portion of the main excavation area and contained an infant, less than one year old. The burial was in roughly the sixth row north of the church.

Burial 138 is to the west of Burial 025 and Burial 024 is to the east.

#### Coffin

The coffin was rectangular in shape. At least six nails were recovered from this burial, all wire nails ranging from 6.35 cm to 7.62 cm (2.5 in to 3 in). No coffin hardware was identified.

#### Associated Artifacts

No artifacts were found in association with this burial.

## **Burial 026**

Burial 026 was located in the central portion of the main excavation area and included fetal remains. The burial was in roughly the fourth row north of the church. Burial 148 was to the west and Burial 012 was to the east.

### Coffin

The coffin was rectangular in shape and difficult to delineate in the ground. A nail sample of more than 20 machine cut nails was collected. The nails are badly corroded, making length estimates impossible. No additional coffin hardware was identified.

### Associated Artifacts

No additional artifacts were associated with this burial.

## **Burial 028**

Burial 028 was located in the furthest north row of burials that are outside the main grouping of burials and included an adult male. Burial 020 was located west of Burial 028. No burials were identified east of Burial 028.

### Coffin

The coffin was rectangular and likely covered in fabric. A sample of 59 wire nails was collected. Nails range in length from 4.45 cm to 6.35 cm (1.75 in to 2.5 in). A metal plate was placed above the pelvis on the coffin. It appears to have raised sides on the shorter edges with a screw on each of those edges. The screws look like they may have had a decorative element attached to them. The plate is made of ferrous material and there is no legible writing on it. The plate is 20.96 cm long × 10.80 cm wide × 1.27 cm tall (8.25 in × 4.25 in × 0.5 in). Material adheres to the back with a chevron-like weave pattern. Two Type 1.4 decorative metal crosses were recovered from the burial. A screw with a loop at the top was also collected. Its original

location and function are unknown. A fragment of an unknown decorative metal object was found. It has a partial stud and a small design of interwoven lines, but its full size and function are unknown. Type 17 handles were found with this burial. Twelve brackets and end caps were identified. Although the bars are fragmentary, it is likely there were three pairs of brackets on either side of the coffin. These handles also have material adhered to them that matches the plate and other hardware. Additional hardware was recovered. The pieces are fragmentary and corroded but might be part of a latch and some hinges. The pieces have the same type of fabric adhered to them as that found on the metal plate, indicating the coffin was likely covered in fabric.

#### Associated Artifacts

Four buttons were found with this burial. One shell button was too fragmentary to be identified. The other three buttons were Type 21. Coarse black fibers were associated with the burial. They appear to have been braided but are now mostly unraveled. Additional items include one clear glass shard, eight fragments of white and red brick, and a glass Bayer aspirin bottle. The aspirin bottle was found in the shaft fill. The cap is rusted on and liquid is trapped in the bottle. A number 3 is embossed on the bottom and the Bayer cross is embossed on the front. The bottle measures 8.26 cm x 3.18 cm (3.25 in x 1.25 in). These items are likely random inclusions and not intended to be part of the burial.

#### **Burial 029**

Burial 029 was located in the north central portion of the main excavation area and contained the remains of a single infant. The burial was in roughly the seventh row north of the church. Burial 137 was to the west and Burial 023 was to the east.

#### Coffin

The burial contained a wood vault and a wood coffin. The outer container was rectangular in shape. The inner coffin was less distinct and may have been four sided or six sided. A sample of 79 wire nails was collected from the burial. The nails ranged from 3.81 cm to 6.99 cm (1.5 in to 2.75 in). One screw was also collected. A hinge and latch, likely for the viewing window, was collected. Three Type 6 handles were associated with the burial. Two coffin studs were associated with this burial: one Type 9 and one Type 10. Four thumbscrews were identified, although one is only represented by the matching escutcheon. They are both Type 7. The coffin included a Type 4 viewing window.

#### Associated Artifacts

Six buttons were associated with this burial: two Type 2 and four Type 12.1. A very small piece of a white and blue paper-like object was identified, which may be part of a prayer card.

#### **Burial 030**

Burial 030 was located in the northeast portion of the main excavation area and contained the remains of a child. The burial was in roughly the sixth row north of the church. Burial 175 was west of Burial 030 and Burial 176 was east of Burial 030.

#### Coffin

This burial contained an inner and outer coffin. The outer coffin was made from wood and was rectangular in shape, measuring 183 cm long  $\times$  58 cm wide (72.0 in  $\times$  22.83 in). The inner coffin was six sided and made from wood. It was also painted. A sample of approximately 85 wire nails was collected, ranging in size from 5.08 to 6.99 cm (2 in to 2.75 in). Coffin hardware included six Type 8 thumbscrews and 12 Type 11 coffin studs. A Type 6 ornamental metal object was found with this burial. Its complete shape and function are unknown due to its fragmentary nature. A Type 8 ornamental metal object was found over the chest of the

individual. Six Type 12 handles were identified. The coffin had a Type 6 viewing window. Paper adhering to the glass is likely from the prayer card recovered from this burial; it has blue, white, and red ink visible on it. Along with the viewing window glass, pieces of sealant from the window were found, some of which was still attached to the wood around the window. A piece of coffin wood collected has a ferrous metal latch still attached to it. The collapse of the coffin makes it difficult to determine, but there may have been a wooden door covering the glass viewing window.

#### Associated Artifacts

A rosary was included with this burial. The wooden beads are mostly decayed, but some wood remains around the metal links. One of the remaining beads shows a rose design carved into it. A Type 1 crucifix was also present and likely part of the rosary. The cross is made of metal with some copper components, based on the green discoloration. A wooden cross is inlaid into the metal. A metal figure of Jesus is on top of the wooden cross. There is a metal halo behind Jesus's head and a banner at the top of the cross, likely having read INRI. There is also an indistinct metal shape at the bottom of the cross. A flattened part at the top of the cross allows a ring to attach the crucifix to the rosary. It is 8.57 cm long × 3.81 cm wide (3.38 in × 1.5 in). The rosary was recovered near the hands of the individual. A prayer or mass booklet was included with this burial. The pages are stuck together after being in a moist environment. Several letters are visible, but no clear words are present. Pieces of leather suggest the book was leather covered. A prayer card was found with this burial. It is in extremely fragile condition. It seems to have shown a figure in a white robe with a blue background. No writing is visible on it in its present condition. A pin was found in the remaining hair of the individual. It has a copper component to it, based on the greenish discoloration. The pin is broken into at least seven

pieces, so length is undetermined. It seems to be related to a Type 3 pin. Finally, over 20 fragments of twisted ferrous metal wire were identified near or around the skull.

### **Burial 031**

Burial 031 was located in the central portion of the main excavation area and contained the remains of a child. The burial was in roughly the fifth row north of the church. Burial 148 is to the west and Burial 149 is to the east. The individual was buried with the head to the north.

#### Coffin

The coffin was rectangular in shape and painted white, measuring 138 cm long  $\times$  31 cm wide (54.3 in  $\times$  12.2 in). Very little of the coffin wood remained. A sample of 22 machine cut nails was collected. They ranged in size from 5.08 cm to 6.35 cm (2 in to 2.5 in) long.

#### Associated Artifacts

Two pieces of ferrous metal wire were associated with this burial. No additional artifacts were identified.

### **Burial 032**

Burial 032 was located in the east central portion of the main excavation area and contained the remains of an infant. The burial was in roughly the fourth row north of the church. Burial 159 was to the west and Burial 183 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 62 cm long  $\times$  28 cm wide (24.4 in  $\times$  11.02 in). A sample of 20 machine cut nails was collected. The nails measured between 3.81 cm to 6.99 cm (1.5 in to 2.75 in) long. No additional hardware was identified.

#### Associated Artifacts

No additional artifacts were found with this burial.

## **Burial 033**

Burial 033 was located in the east central portion of the main excavation area. The burial was in roughly the fourth row north of the church. Burial 033 and Burial 168 were to the west; Burial 001 was to the east. Burial 033 contained the remains of both an adult (Burial 033a) and an infant (Burial 033b) in the same coffin. All the material culture is categorized under the same burial.

### Coffin

The coffin was rectangular and painted red and white, measuring 192 cm long × 50 cm wide (75.6 in × 19.69 in). Both the adult and infant remains were together in one coffin. A sample of 69 wire nails was collected. One screw was also recovered. The nails ranged in length from 3.81 cm to 6.99 cm (1.5 in to 2.75 in). A fragmentary piece of wire piping was found with this burial. Coffin hardware included Type 12 coffin studs, four Type 12 thumbscrews, six Type 18 and fragmentary pieces of metal that may be parts of escutcheons. A glass viewing window was present with the burial. It is too fragmentary to determine specifics about its size. It is greater than 35.56 cm (14 in) long and is roughly oval in shape.

### Associated Artifacts

A pair of dentures was found with the burial. The dentures are likely made of vulcanite and porcelain. They are custom fitted to the individual. The top portion is broken. A Type 3 rosary was placed in the hand of the adult individual along with a book. The hand was bent across the chest. The book seems religious in nature and was leather bound. The writing is in Polish and legible words include: *Ojcu I Syn* (father and son), *gdyz* (because), *jak* (how), and *piecznego* (mite). Two metal hooks were found with the book, suggesting it may have latched shut. Some of the pages appear to have illustrations. Pieces of fabric were found adhering to the rosary and

loose with other collected material. The fabric is an unknown material. Additionally, two non-human bones, likely rodent bones, were found with this burial.

### **Burial 034**

Burial 034 was located in the southwest portion of the main excavation area and contains the remains of an infant-perinate. The burial was in the first row north of the church. Burial 048 was to the west and Burial 125 was to the east.

#### Coffin

The coffin was rectangular, measuring 54 cm long  $\times$  19 cm wide (21.3 in  $\times$  7.48 in). Eight fragmented wire nails were recovered. The only complete nail appears to be 7.62 cm (3 in) long. No additional coffin hardware was identified.

#### Associated Artifacts

Nine Type 1.2 Prosser buttons were associated with this burial. No additional artifacts were recovered.

### **Burial 035**

Burial 035 was located in the southwest portion of the main excavation area and contained the remains of an infant. The burial was in the second row north of the church. Burial 037 was to the west and Burial 045 to the east. The northwest corner of the burial was truncated by the backhoe.

#### Coffin

The coffin was rectangular and appeared to have been painted red inside and green outside, measuring 86 cm long  $\times$  40 cm wide (33.9 in  $\times$  15.75 in). A sample of 29 wire nails was collected from the burial. The nails ranged in length from 6.99 cm to 8.26 cm (2.75 in to 3.25 in). Fragments of brass coffin studs were recovered, but they are too small to identify size,



shape, and number, although field notes indicate they were originally cross-shaped. Four Type 13 thumbscrews were found with this burial. No additional hardware was identified.

#### Associated Artifacts

Three Type 9 buttons were included with this burial. Eighteen fragments of ferrous metal wire were also associated with the burial. Paper fragments were found in collected soil, possibly from a prayer card, with red and blue ink on it.

#### **Burial 036**

Burial 036 was located in the southwest portion of the main excavation area and contained the remains of an infant. The burial was in the third row north of the church. Burial 046 was to the west and Burial 145 was to the east.

#### Coffin

The coffin was four-sided and tapered towards the feet, measuring 138 cm long and 41 cm in maximum width (54.3 in × 16.14 in). A sample of 21 machine cut nails was collected. The complete nails ranged in length from 5.08 cm to 5.72 cm (2 in to 2.25 in). No additional hardware or decoration was identified.

#### Associated Artifacts

No artifacts were found associated with this burial.

#### **Burial 037**

Burial 037 was located in the southwest portion of the main excavation area and contained fetal remains. The burial was in the second row north of the church. Burial 051 was to the west and Burial 035 was to the east.

#### Coffin

The coffin was rectangular in shape. A sample of 20 wire nails was collected. Most had smaller heads, indicating they are likely finishing nails. The complete nails ranged in length from 5.08 cm to 8.26 cm (2 in to 3.25 in). No additional coffin hardware was identified.

#### Associated Artifacts

A Type 3.1 pin was associated with this burial. The pin has copper components based on the visible blue/green color. A piece of unidentified brown cloth was also associated with this burial. At least seventeen buttons were included with the burial. The buttons are: two Type 2.3, one Type 2.4, one unidentified type (too fragmentary to measure), one Type 2.5, one Type 2.6, 11 Type 16, and one Type 17. No additional artifacts were identified.

#### **Burial 038**

Burial 038 was located in the west central portion of the main excavation area and included the remains of an infant. The burial was in the fourth row north of the church. Burial 184 was to the west and partially overlapping Burial 038. Burial 146 was to the east.

#### Coffin

The coffin was four-sided and slightly tapered towards the feet, measuring 78 cm long × 27 cm wide (30.7 in × 10.63 in). It was painted white. A sample of 15 machine cut nails was collected. The nails all measured approximately 5.72 cm (2.5 in) long. No additional hardware was recovered from this burial.

#### Associated Artifacts

Ten buttons were found with this burial. Three were Type 10.3 buttons and seven were Type 1.2. Fifteen fragments of wire were associated with the burial. The wire is ferrous, but may have copper components. Some pieces of wire have material adhered to it. Field notes indicate the wire was found around the head of the individual. Turquoise colored fiber was associated

with the burial. The fiber was placed over the chest of the individual, suggesting it may have been a burial shroud. Some unidentified decayed organic material was found with the fiber.

### **Burial 039**

Burial 039 was located in the northwest portion of the main excavation area and contained the remains of a child. The burial was in the fifth row north of the church. Burial 057 was to the west of Burial 039 and was not excavated. Burial 040 was to the east.

#### Coffin

The coffin was six sided. A sample of 19 wire nails was collected. The nails ranged in length from 4.45 cm to 5.72 cm (1.75 in to 2.25 in). Four nails showed signs of melting. The coffin had a Type 10 viewing window with the narrowest end oriented towards the head of the individual. No additional hardware was identified.

#### Associated Artifacts

Pieces of cloth were recovered from the burial. All the material is black, but some fragments are burned. Field notes indicate the burned fabric and wood came from an area including the left leg, foot, and pelvis of the individual. Additionally, one Type 2.7 button was found; field notes indicate it was identified near the right shoulder.

### **Burial 040**

An infant was interred in Burial 040, which was located in the northwest portion of the main excavation area. The burial was in the fifth row north of the church. Burial 039 was to the west and Burial 142 was to the east.

#### Coffin

The coffin was six sided and painted, measuring 100 cm long × 50 cm wide (39.4 in x 19.69 in). A sample of 14 machine cut nails was collected. The nails were very fragmentary. Complete

nails measured 4.45 cm to 5.08 cm (1.75 in to 2 in) long. Three Type 8 coffin studs were included with this burial. Five Type 6 thumbscrews were found along the top edge of the coffin, one was near the feet, and the last was over the viewing window. Field photographs show the last one on the outer edge of the viewing window. Placement of the thumbscrews suggests the possibility of a wooden lid over the glass viewing window. Shards of a glass viewing window were found near the skull of the individual. The viewing window was a Type 7 window with the tapered end towards the top of the coffin. No additional hardware was identified.

#### Associated Artifacts

No artifacts were associated with this burial.

#### **Burial 041**

Burial 041 was located in the northwest portion of the main excavation area and contained an infant. The burial was in the sixth row north of the church. Burial 044 was to the west and was not excavated. Burial 135 was to the east.

#### Coffin

The coffin was rectangular and painted red, measuring 120 cm long × 40 cm wide (47.2 in × 15.75 in). Forty-three nails were collected. Thirty-seven wire nails were collected, ranging in length from 5.72 cm to 8.26 cm (2.5 in to 3.25 in). Six machine cut nails approximately 5.08 cm (2 in) long were collected. Two Type 7 and fourteen Type 6 coffin studs were associated with this burial. A Type 5 ornamental metal object was included with this burial. Four Type 11 thumbscrews were included with the burial as were four Type 10 handles. One additional piece of hardware was recovered, but its form and function is unknown. It may be more of the metal piping seen on other burials.

#### Associated Artifacts

Three pieces of twisted ferrous wire were associated with the burial. No additional artifacts were identified.

### **Burial 042A and 042B**

Two children, designated Burials 042A and 042B, were interred within a single grave shaft, initially identified as Burial 042. The burials were located in the northwestern portion of the main excavation area. The burials were in the seventh row north of the church. Burial 140 was to the west and Burial 137 was to the east. The individuals were interred in separate coffins and both were placed within the same larger wooden box.

### **Burial 042a**

Burial 042a was located immediately west of Burial 042a within the same grave shaft

#### Coffin

The coffin was rectangular in shape, measuring 100 cm long × 35 cm wide (39.4 in × 13.78 in). A sample of nine wire nails was collected and attributed to this burial. The nails ranged in size from 2.54 cm to 6.35 cm (1 in to 2.5 in). Six Type 1 thumbscrews were collected and marked as part of Burial 042a. An ornamental metal cross was found on the coffin over the chest of this individual. It is likely a Type 5 ornamental metal decoration; however, the marks on the back cannot be observed due to its condition. Four Type 14 handles were also associated with this burial. No additional hardware or decorations were identified.

#### Associated Artifacts

Six pieces of ferrous metal wire fragments were included with this burial. Two Type 2.1 Prosser buttons were associated with the burial. No additional artifacts were identified.

### **Burial 042b**

Burial 042b was located immediately east of Burial 042a within the same grave shaft.

### Coffin

The coffin was rectangular in shape, measuring 100 cm long × 35 cm wide (39.4 in × 13.78 in).

A sample of 18 wire nails was collected and marked as part of Burial 42b. The nails ranged from 3.81 cm to 6.35 cm (1.5 in to 2.5 in). Three Type 1 thumbscrews were collected from Burial 42b. An ornamental metal cross was found on the coffin over the chest of this individual. It is likely a Type 5 ornamental metal decoration; however, the marks on the back cannot be observed due to its condition. Four Type 13 handles were recovered with this burial.

### Associated Artifacts

Seven buttons were associated with this individual. Six were Type 2.3 buttons, and the last was a Type 2.1 button. A piece of twisted ferrous wire was also recovered from this burial. No additional artifacts were identified.

### Coffin Hardware Identified as Associated with Both Individuals

Some coffin hardware was not found in association with a particular coffin. A sample of 71 wire nails was grouped together because it could not be determined which burial they came from.

The nails ranged in length from 2.54 to 7.62 cm (1 to 3 in). One screw was found with the nails.

Two screws were attached to an additional piece of unknown hardware made of a flat metallic plate, perhaps attached to the outer wooden box. Three Type 1 thumbscrews were recovered, but it could not be distinguished which burial they originated from.

### Artifacts identified in association with both individuals

A piece of twisted ferrous metal wire was associated with the burials; it could not be determined which burial it originated from.

### **Burial 045**

Burial 045 was located in the southwest portion of the main excavation area and contained fetal remains. The burial was in the second row north of the church. Burial 035 was to the west and Burial 127 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 66 cm long × 22 cm wide (26.0 in × 8.66 in). Approximately seven nails were recovered as a sample, but all were too fragmentary to determine length. No additional coffin hardware was recovered.

#### Associated Artifacts

One Type 6 button was associated with this burial. No additional artifacts were recovered.

### **Burial 046**

Burial 046 was located in the southwest portion of the main excavation area and contained the remains of a child. The burial was in the third row north of the church. Burial 053 was to the west and was not excavated. Burial 036 was to the east. The individual was buried with the head to the north.

#### Coffin

The coffin was four-sided and tapered towards the feet. A sample of 35 machine cut nails was collected. The nails ranged in size from 6.35 cm to 8.89 cm (2.5 in to 3.5 in). No additional hardware was identified.

#### Associated Artifacts

Fragments of cloth were recovered with this burial; the cloth is light brown in color and thin. Its shape and size is unknown. Fragments of wire were found in the hair of the individual. The fragments appear to be made of a ferrous metal, but may also have a copper component based on some green discoloration. Some fragments also have pieces of the same light brown material

adhered to them. Unidentified decayed organic material was found with the cloth. No additional artifacts were found.

### **Burial 047**

Burial 047 was located in the west central portion of the main excavation area and contained the remains of a single infant. The burial was in the fourth row north of the church. Burial 055 was to the west and Burial 133 was to the east.

#### Coffin

The burial vault was rectangular in shape. The coffin shape was not well defined, but may have been tapered towards the feet, measuring 52 cm long  $\times$  23 cm wide (20.5 in  $\times$  9.06 in). A collected sample of 37 machine cut nails all measured approximately 6.35 cm long (2.5 in). Fragments of Type 4 coffin studs, likely representing four examples of this type, were included in the burial. One of these was noted as being near the foot of the coffin. Four Type 2 coffin handles were also recovered. A Type 1 viewing window, along with glass solder, was recovered. The viewing window was oval in shape with a longer, more tapered end towards the foot of the coffin. It measured 44.45 cm  $\times$  15.875 cm (17.5 in  $\times$  6.25 in). The edges are roughly cut.

#### Associated Artifacts

Five Type 2 buttons were associated with this burial. Several metal wire pieces were recovered as well and may represent a floral wreath placed on the individual's head.

### **Burial 048**

Burial 048 was located in the southwest portion of the main excavation area and contained the remains of an infant. The burial was in the first row north of the church. Burial 049 was to the west and Burial 034 was to the east.

#### Coffin



The coffin was difficult to define, but it appears to be rectangular in shape, measuring 63 cm long × 25 cm wide (43.3 in × 14.57 in). A sample of 38 wire nails was collected; one had a finishing head. Nails ranged in length from 5.08 cm to 5.72 cm (2 in to 2.5 in). Additionally, one screw and one screw with ferrous metal piping around it were recovered. A fragment of a crucifix shape was identified. Based on other examples, it is likely a Type 4 coffin stud. Its location on the coffin is unknown. Four Type 10 thumbscrews were included with this burial.

#### Associated Artifacts

Two buttons were associated with this burial. One was a Type 2 button and the other was Type 2.7. Three fragments of twisted ferrous metal wire were also included with this burial. No additional artifacts were identified.

#### **Burial 049**

Burial 049 was located in the southwest portion of the main excavation area and contained the remains of an infant-perinate. The burial was in the first row north of the church. No burials were west of Burial 049 and Burial 048 was to the east.

#### Coffin

The coffin was rectangular in shape. A sample of 13 wire nails was recovered from this burial. Complete nails ranged from 5.72 cm to 8.26 cm (2.5 in to 3.25 in). No additional coffin hardware was identified.

#### Associated Artifacts

Six buttons were associated with this burial: one Type 10.1 and five Type 2 buttons. No additional artifacts were identified.

#### **Burial 051**

Burial 051 was located in the southwest portion of the main excavation area and contained fetal remains. The burial was in the second row north of the church. Burial 052 was to the west and Burial 037 was to the east.

#### Coffin

The coffin was partially collapsed, but seems to have been rectangular, measuring 64 cm long × 20 cm wide (25.2 in × 7.87 in). A sample of 33 wire nails was collected. Complete nails measure 5.72 cm to 7.62 cm (2.25 in to 3 in). Two screws with hollow metal piping around them were also identified.

#### Associated Artifacts

A small sample of unidentified white fiber was recovered from this burial. The type of fiber and function are unknown. Additionally, two pieces of ferrous metal were identified. No additional artifacts were recovered.

### **Burial 052**

Burial 052 was located in the southwest portion of the main excavation area and contained fetal remains. The burial was in the second row north of the church. There were no burials further west; Burial 051 was to the east.

#### Coffin

The coffin was four-sided and tapered toward the feet, measuring 67 cm long × 22 cm wide (26.4 in × 8.66 in). A sample of 19 wire nails was collected. The nails were very fragmentary, with complete nails ranging in length from 5.72 cm to 7.62 cm (2.5 in to 3 in). No additional hardware was identified.

#### Associated Artifacts

Three Type 2 buttons were associated with this burial. No additional artifacts were recovered.

## **Burial 055**

Burial 055 was located in the west central portion of the main excavation area. The burial was in the fourth row north of the church. No burials were excavated west of Burial 055. Burial 047 was to the east.

### Coffin

The coffin was four-sided and tapered towards the feet and contained the remains of an infant-perinate. The coffin was in poor condition with little remaining, measuring about 50 cm long × 30 cm wide (43.3 in × 19.69 in). A sample of 16 machine cut nails was collected. Nails ranged in length from 5.08 cm to 6.99 cm (2 in to 2.75 in). No additional coffin hardware was identified.

### Associated Artifacts

Five complete and one partial Type 2 Prosser buttons were associated with this burial. No additional artifacts were identified.

## **Burial 064**

Burial 064 was located in the northwest portion of the main excavation area and contained comingled remains of three individuals. The burial was in the seventh row north of the church. Burial 065 was to the west of Burial 064 and was not excavated. Burial 139 was to the east of Burial 064 and was also not excavated.

### Coffin

The coffin was a painted, six sided, pinch toe coffin with a rectangular burial vault measuring 110 cm long × 50 cm wide (43.3 in × 19.69 in). A sample of more than 30 wire nails was recovered. The nails were very fragmentary and ranged in length from 5.72 cm to 6.35 cm (2 in to 2.5 in). Despite the rust, the nails appear to have differing head sizes. Two Type 3 coffin

studs were associated with this burial. An ornamental metal object (Type 1) was also recovered. The coffin studs were located on the widest points of the coffin with the decorative metal cross in the middle between them. Four Type 1 thumbscrews and four Type 1 handles were also recovered. Two thumb screws were located one on each side near the top corners and two more near the bottom corners of the coffin.

#### Associated Artifacts

A total of five buttons were recovered. Three Type 2 buttons and one Type 2.1 buttons were found near the skull of this burial. A shell button was also recovered, but was too fragmentary to determine size or number of holes. No additional artifacts were recovered.

#### **Burial 125**

Burial 125 was located in the southwest portion of the main excavation area and contains fetal remains. The burial was in the first row north of the church. Burial 034 was to the west and Burial 126 was to the east. The individual was buried with the head to the north.

#### Coffin

The coffin was rectangular in shape, measuring 69 cm long  $\times$  25 cm wide (27.2 in  $\times$  9.84 in). A sample of 16 nails was collected. Five came from the fill above the coffin. Nail sizes range from 3.18 cm to 8.26 cm (1.25 in to 3.25 in) in length. Additionally, three fragmentary screws were identified. Their length was indeterminate and they were undecorated.

#### Associated Artifacts

One Type 9 button was associated with this burial. A Type 3.1 pin was also recovered. No additional artifacts were identified.

#### **Burial 126**

Burial 126 was located in the southwest portion of the main excavation area and contained the remains of one infant. The burial was in the first row north of the church. Burial 125 was to the west and Burial 143 was to the east.

#### Coffin

The coffin appeared rectangular in shape, although part of the eastern side was missing, and measured 100 cm long  $\times$  34 cm wide (39.4 in  $\times$  13.39 in). A sample of 29 nails was collected, 10 of which were wire and 19 were machine cut. Wire nails measured approximately 6.35 cm (2.5 in) in length, and machine cut nails ranged from 6.35 cm to 7.62 cm (2.5 in to 3 in). Four Type 2 thumbscrews with fragmentary remains of escutcheons were noted. The escutcheons were too fragmentary to identify shape, size, and design. A Type 4 ornamental metal cross was included with this burial. A screw with hollow metal piping wrapped around it and material adhering to it also was identified.

#### Associated Artifacts

No additional artifacts were recovered from this burial.

### **Burial 127**

Burial 127 was located in the southwest portion of the main excavation area and contains the remains of one infant. The burial was in the second row north of the church. Burial 045 was to the west and Burial 138 was to the east.

#### Coffin

The coffin was four-sided and pinched towards the toes, measuring 63 cm long  $\times$  28 cm wide (26.8 in  $\times$  11.02 in). A sample of 14 wire nails was collected. The nails were too fragmentary to obtain measurements. No additional coffin hardware was identified.

#### Associated Artifacts

Four buttons were associated with this burial: one Type 1, two Type 1 and one Type 2 button. No additional artifacts were identified.

### **Burial 128**

Burial 128 was located in the southwest portion of the main excavation area and contains fetal remains. The burial was in the second row north of the church. Burial 045 was to the west and Burial 19 was to the east.

#### Coffin

The coffin appeared four-sided and tapered towards the feet, measuring 75 cm long  $\times$  25 cm wide (29.5 in  $\times$  9.84 in). A sample of approximately 12 nails was collected. They are machine cut nails with the complete nails measuring 6.35 cm (2.5 in).

#### Associated Artifacts

Four Type 1.3 buttons were associated with this burial. No additional artifacts were identified.

### **Burial 129**

Burial 129 was located in the southwest portion of the main excavation area and contains the remains of one infant. The burial was in the second row north of the church. Burial 128 was to the west and Burial 151 was to the east.

#### Coffin

The coffin was four-sided and may be pinched towards the foot end, measuring 73 cm long  $\times$  31 cm wide (27.7 in  $\times$  12.2 in). A collected sample of 15 wire nails measuring approximately 5.08 to 6.35 cm (2 in to 2.5 in) in length. Three Type 2 thumbscrews were recovered from the burial. Their reported locations include two near the head of the individual and one near the feet.

Fragments of Type 4 coffin studs were associated with this burial. Fragments were collected

from near the head and towards the feet of the coffin, perhaps around knee level, and represent portions of at least two crucifixes.

#### Associated Artifacts

No additional artifacts were associated with this burial.

### **Burial 130**

Burial 130 was located in the southwest portion of the main excavation area and contains the remains of one infant. The burial was in the third row north of the church. Burial 145 was to the west and Burial 131 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 61 cm long  $\times$  16 cm wide (24.0 in  $\times$  6.3 in). A sample of 15 machine cut nails was collected; all measured approximately 6.35 cm (2.5 in) in length. No additional coffin hardware was present.

#### Associated Artifacts

No artifacts were associated with this burial.

### **Burial 131**

Burial 131 was located in the southwest portion of the main excavation area and contains fetal remains. The burial was in the first row north of the church. Burial 130 was to the west and Burial 010 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 74 cm long  $\times$  25 cm wide (29.1 in  $\times$  9.84 in). A sample of 20 machine cut nails was recovered. Complete nails were 6.35 cm to 6.985 cm (2.5 in to 2.75 in) in length. Seven Type 1 screw covers were also recovered.

#### Associated Artifacts

One Type 1.2 button was associated with this burial. Thirteen pieces of ferrous metal wire were also recovered. One piece of wire has unidentified material adhered to it. No additional artifacts were identified.

### **Burial 133**

Burial 133 was located in the west central portion of the main excavation area and contains perinatal remains. The burial was in the fourth row north of the church. Burial 047 was to the west and Burial 184 was to the east. The burial was originally encountered during machine stripping and several nails and remains were collected at that time.

#### Coffin

The coffin was poorly preserved and the shape was difficult to distinguish. It appears to have been four-sided and was estimated to be 78 cm long  $\times$  45 cm wide (30.7 in  $\times$  17.72 in). Nails were collected during machine scraping and excavation of the burial. Ten machine cut nails measuring 5.08 cm to 6.35 cm (2 in to 2.5 in) in length were identified during machine scraping. An additional seven machine cut nails were recovered with the burial. These were also 5.08 cm to 6.35 cm (2 in to 2.5 in) long.

#### Associated Artifacts

No additional artifacts were associated with this burial.

### **Burial 135**

Burial 135 was located in the northwest portion of the main excavation area and represents the remains of a fetal-perinatal individual. The burial was in the sixth row north of the church.

Burial 041 was to the west and Burial 138 was to the east

#### Coffin



The coffin shape was difficult to determine. It appears the burial included both a wooden vault and coffin, although rodent runs made the shapes indistinct. Coffin is 69 cm long × 34 cm wide (27.2 in × 13.39 in). A sample of 39 wire nails was collected. The nails measured 3.81 cm to 6.35 cm (1.5 in to 2.5 in) long. Approximately six of these nails have a ceramic/terracotta painted cap on them. Twelve coffin studs were recovered: six Type 6 coffin studs and six Type 7 coffin studs. An ornamental metal Type 1.1 object was also found with the burial. It was found near the head, likely having collapsed from the lid of the coffin. Four Type 1 caplifters were identified. Seven pieces of screws with metal piping wrapped around them were also recovered.

#### Associated Artifacts

One Type 13 button was associated with this burial. Part of the edge of the button is missing. No other artifacts were identified.

#### **Burial 137**

Burial 137 was located in the northwest portion of the main excavation area and contained the remains of a child. The burial was in the seventh row north of the church. Burial 042 was to the west and Burial 029 was to the east.

#### Coffin

The coffin appears roughly rectangular in shape, measuring 150 cm long × 50 cm wide (59.1 in × 19.69 in). A sample of 88 wire nails was collected. The nails ranged in length from 5.08 cm to 7.62 cm (2 in to 3 in). Eight Type 1 thumbscrews were associated with this burial. The coffin has a Type 9 viewing window, but its orientation is unknown due to its fragmented nature. A prayer card appears to be adhered to one side of the glass. Some fragments of sealant for the

viewing window were also present. Four Type 12 coffin studs were identified. Three fragments of an unidentified ferrous metal bracket were found. Their form and function are unknown.

#### Associated Artifacts

Three pieces of twisted ferrous metal wire, some with cloth adhered to it, were recovered. No additional artifacts were identified with this burial.

### **Burial 138**

One infant was recovered from Burial 138, which was located in the northwest portion of the main excavation area. The burial was in the sixth row north of the church. Burial 135 was to the west and Burial 025 was to the east. Much of the burial was removed by the backhoe.

#### Coffin

The coffin was rectangular in shape, measuring 35 cm long  $\times$  15 cm wide (13.8 in  $\times$  5.91 in). A sample of six wire nails measuring between 7.62 cm to 8.26 cm (3 in to 3.25 in) was collected. No additional coffin hardware was identified.

#### Associated Artifacts

Three Type 2 buttons were found in association with this burial. No additional artifacts were recovered.

### **Burial 140**

Burial 140 was located in the northwest portion of the main excavation area and contained fetal remains. The burial was in the seventh row north of the church. Burial 139 was to the west and was not excavated. Burial 042 was to the east.

#### Coffin

The coffin was rectangular in shape and the outside painted. The coffin measured 82 cm long  $\times$  29 cm wide (32.3 in  $\times$  114.17 in). A sample of 24 wire nails was collected. The nails ranged in

length from 5.72 cm to 8.26 cm (2.25 in to 3.25 in). A Type 1.1 ornamental metal cross was placed on the middle of the coffin. A sample of white/grey paint flakes was collected from the coffin.

#### Associated Artifacts

A Type 3 straight pin was found associated with this burial. The head of the pin is separated from the straight portion. It also has remnants of an unknown type of material adhering to it. No additional artifacts were identified.

### **Burial 141**

An infant was recovered from Burial 141 and was located in the northwest portion of the main excavation area. The burial was in the fifth row north of the church. Burial 040 was to the west and Burial 142 was to the east.

#### Coffin

The coffin was four-sided and tapered towards the feet, measuring 85 cm long × 30 cm wide (33.5 in × 11.81 in). A sample of approximately 14 machine cut nails was collected. Nails were poorly preserved; complete nails measured 6.35 cm (2.5 in). No additional hardware was collected.

#### Associated Artifacts

No additional artifacts were associated with this burial.

### **Burial 142**

Burial 142 was located in the northwest portion of the main excavation area and contained the remains of a single infant. The burial was in the seventh row north of the church. Burial 141 was to the west and Burials 148 and 031 were to the east.

#### Coffin

The coffin was rectangular in shape, measuring 86 cm long × 32 cm wide (33.9 in × 12.60 in). A sample of 27 nails was collected. Twenty-two collected wire nails ranged in length from 5.08 cm to 7.62 cm (2 in to 3 in). Five machine cut nails were collected, all of which were too fragmentary to measure. Five Type 6 thumbscrews were recovered from this burial. A Type 2 caplifter was also identified. Four Type 11 handles were attached to the coffin. One screw with metal piping wrapped around it was also found. Additionally, a piece of a white metal decorative object was identified, but it is too degraded to identify design motifs, size, or shapes. Finally, a Type 5 viewing window was associated with this burial.

#### Associated Artifacts

Three buttons were associated with this burial. One was a Type 10.2 button and the other two were shell buttons. One of the shell buttons was too fragmentary to be assigned a type, the other was Type 8.1. No additional artifacts were identified.

### **Burial 143**

Burial 143 was located in the south central portion of the main excavation area and contained fetal remains. The burial was in the first row north of the church. Burial 126 was to the west and Burial 144 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 41 cm long × 17 cm wide (16.1 in × 6.69 in). A sample of ten or more wire nails was collected. The nails were very fragmentary with complete nails ranging in size from 6.35 cm to 8.26 cm (2.5 in to 3.25 in). No additional coffin hardware was recovered.

#### Associated Artifacts

No additional artifacts were found in association with this burial.

### **Burial 144**

An infant was recovered from Burial 144, which was located in the south central portion of the main excavation area. The burial was in the first row north of the church. Burial 143 was to the west and Burial 154 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 89 cm long × 34 cm wide (35 in × 13.39 in). A sample of more than 30 wire nails was collected, but all were too fragmentary to measure. Four Type 2 coffin screws, very fragmented, were found. The center stud portions of five Type 2 coffin studs were found, along with a small fragment of a Type 4 coffin stud. Positions of the coffin studs and thumbscrews were not recorded or visible from field documentation.

#### Associated Artifacts

A Type 10 button was associated with this burial. No additional artifacts were identified.

### **Burial 145**

Burial 145 was located in the southwest portion of the main excavation area and contained fetal remains. The burial was in the third row north of the church. Burial 036 was to the west and Burial 130 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 46 cm long × 18 cm wide (18.1 in × 7.09 in). A sample 20 nails was collected. The nails appear to be machine cut, and approximately 5.08 cm to 6.35 cm (2 in to 2.5 in) long. No additional coffin hardware was recovered.

#### Associated Artifacts

No artifacts were found in association with this burial.

### **Burial 146**

An infant was recovered from Burial 146, which was located in the west central portion of the main excavation area. The burial was in the fourth row north of the church. Burial 038 was to the west and Burial 147 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 58 cm long  $\times$  25 cm wide (22.8 in  $\times$  9.84 in). A sample of 17 machine cut nails was collected. Measureable nails were approximately 6.35 cm (2.5 in). No additional hardware was identified.

#### Associated Artifacts

A glass bottle was found with this burial. It is embossed on one side with letters “NIB” and on the other side with “INFANTS NURSING BOTTLE.” The bottle is largely mold-made with an Owens scar visible on the bottom, although the top may be applied. It is 13.65 cm tall  $\times$  8.89 cm wide  $\times$  4.45 cm deep (5.38 in  $\times$  3.5 in  $\times$  1.75 in). The manufacturer is unknown. The bottle was recovered from the grave shaft just above the coffin.

### **Burial 147**

Burial 147 was located in the west central portion of the main excavation area and contained fetal remains. The burial was in the fourth row north of the church. Burial 146 was to the west and Burial 187 was to the east.

#### Coffin

The coffin was only roughly defined, but it appears to be rectangular in shape, measuring 53 cm long  $\times$  23 cm wide (16.9 in  $\times$  9.06 in). A sample of eight machine cut nails was collected. The nails range in length from 6.35 to 7.62 cm (2.5 in to 3 in). No additional coffin hardware was identified.

#### Associated Artifacts

No additional artifacts were found in association with this burial.

### **Burial 148**

A child was recovered from Burial 148, which was located in the central portion of the main excavation area. The burial was between the fourth and fifth row north of the church. Burials 187 and 142 were to the west and Burial 031 was to the east.

#### Coffin

The coffin appears to be rectangular in shape, measuring 66 cm long  $\times$  16 cm wide (26 in  $\times$  6.30 in). A sample of 15 machine cut nails was collected. The nails ranged in size from 6.35 cm to 6.99 cm (2.5 in to 2.75 in). No additional coffin hardware was identified.

#### Associated Artifacts

No additional artifacts were associated with this burial.

### **Burial 149**

An infant was interred in Burial 149, which was located in the central portion of the main excavation area. The burial was in the fifth row north of the church. Burial 031 was to the west and Burial 156 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 80 cm long  $\times$  26 cm wide (31.5 in  $\times$  10.24 in). A sample of 53 wire nails was collected. The nails were approximately 6.35 cm (2.5 in) long. Type 3 thumbscrews were included with this burial. Two were complete and additional fragments appear to make a third. The fourth thumbscrew was found with a Type 1 escutcheon still around it. Four pieces of screws with hollow metal wire wrapped around them were also identified. Three Type 8 coffin studs were recovered in very fragmentary condition. Additional

brass fragments were also identified, likely representing at least two other styles of coffin studs, but size, shape, and design are impossible to determine.

#### Associated Artifacts

Fourteen buttons were associated with this burial. Six of these buttons were Type 2.2 and one of those had unknown material adhering to it. Six of the remaining buttons were Type 2, one was Type 11, and the last was Type 2.1. Seven pieces of ferrous wire were found in the burial.

#### **Burial 150**

Burial 150 was located in the south central portion of the main excavation area and contains the remains of an infant-perinate. The burial was between the second and third rows north of the church.

#### Coffin

No coffin was recovered, although recovered hardware includes more than eight nails. They are each machine cut and approximately 6.99 cm (2.75 in) long.

#### Associated Artifacts

Two Type 1.2 buttons were associated with this burial. Additionally, two brick fragments were recovered, but may have been part of the fill from the burial.

#### **Burial 151**

Burial 151 included an infant, which was located in the south central portion of the main excavation area. The burial was in the second row north of the church. Burial 129 was to the west and Burial 152 was to the east.

#### Coffin

The coffin seems to have been six-sided and tapered toward the feet, measuring 89 cm × 21 cm (35 in × 8.27 in). The coffin was represented by a stain from the wood; however, no wood was



present. A sample of 16 wire nails was collected. The nails ranged in length 3.18 cm to 6.35 cm (1.25 in to 2.5 in). Four Type 2 thumbscrews were associated with this burial. Three Type 4 coffin studs were also identified. Eight screws with metal piping wrapped around them were recovered.

#### Associated Artifacts

At least five shell buttons were associated with the burial, but their size and shape cannot be determined from their fragmentary nature. Field notes report seven shell buttons, although some appear to be layers from the same button. Two Prosser buttons were found, one Type 2 and one Type 10.2. Fifty-one pieces of twisted ferrous metal wire were found around the head of the individual. Some pieces of wire had material adhering to it.

#### **Burial 152**

Burial 152 contained the remains of an infant located in the south central portion of the main excavation area. The burial was in the second row north of the church. Burial 151 was to the west and Burial 153 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 70 cm × 20 cm. More than 22 nails were recovered. All were wire nails; five may have had finish heads on them. Complete nails measured 6.67 cm (2.63 in). No coffin hardware was associated with the coffin.

#### Associated Artifacts

Four buttons were associated with this burial: two Type 3 buttons and two Type 4 buttons. Fragments of a fifth button appear similar in size and shape to a Type 4 button, but fragmentation has eliminated evidence of holes. Four safety pin fragments were found in association with this

burial: one fragment of a Type 1 pin, one fragment of Type 2 pin, and two indeterminate pieces. No additional artifacts were identified.

### **Burial 153**

An infant was recovered from Burial 153, located in the south central portion of the main excavation area. The burial was in the second row north of the church. Burial 152 was to the west and Burial 160 was to the east.

#### Coffin

The coffin shape is indistinct. It may have been six-sided and tapered toward the feet. A sample of 27 machine cut nails was collected, ranging in length from 6.35 cm to 7.62 cm (2.5 in to 3 in). Four Type 4 thumbscrews were associated with this burial. At least two Type 4 coffin studs were recovered.

#### Associated Artifacts

Two pieces of an unknown material were found. The material is glossy in appearance and blue/black in color. It looks like glass but does not appear to be glass. Both pieces are largely covered by sand concretions.

### **Burial 154**

An infant-perinate was recovered from Burial 154, which was located in the south central portion of the main excavation area. The burial was in the first row north of the church. Burial 144 was to the west and Burial 155 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 56 cm × 17 cm (22 in × 6.69 in). A collected sample of five wire nails were about 6.99 cm (2.75 in) long. No additional hardware was identified.

#### Associated Artifacts

No additional artifacts were identified in association with this burial.

#### **Burial 155**

Fetal remains were interred in Burial 155, which was located in the south central portion of the main excavation area. The burial was in the first row north of the church. Burial 154 was to the west and Burial 186 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 70 cm × 30 cm (27.6 in × 11.81 in). Four Type 2 coffin studs and a fragmentary Type 4 coffin stud were found in association with this burial. The coffin studs were arranged at the end of each arm of the crucifix placed on top of the coffin. The collected nail sample included only fragmentary nails of indeterminate length. All appear to be wire nails; two may be finishing nails.

#### Associated Artifacts

No additional artifacts were recovered in association with this burial.

#### **Burial 156**

Burial 156 was located in the central portion of the main excavation area and contained the remains of a child. The burial was in the fifth row north of the church. Burial 149 was to the west and Burial 157 was to the east.

#### Coffin

The coffin was four-sided, possibly tapering toward the feet, although the sides were indistinct. The coffin measured 122 cm × 33 cm (48 in × 12.99 in). A collected sample of 27 wire nails measured approximately 6.35 cm (2.5 in) long. No additional hardware was identified.

#### Associated Artifacts

Four buttons were associated with the burial. Two of the buttons were Type 2.6 and two were Type 2.3. One button is visible in field photographs near the pelvis. No additional artifacts were associated with this burial.

### **Burial 157**

Burial 157 was located in the central portion of the main excavation area and contained the remains of a child. The burial was in the fifth row north of the church. Burial 156 was to the west and Burial 158 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 118 cm long  $\times$  34 cm wide (46.5 in  $\times$  13.39 in).

A sample of 38 machine cut nails was collected. The nails range in size from 4.13 cm to 7.62 cm (1.63 in to 3 in). No additional hardware was identified.

#### Associated Artifacts

Seven pieces of ferrous metal were identified, likely pieces of wire. No additional artifacts were recovered.

### **Burial 158**

An infant was recovered from Burial 158, which was located in the east central portion of the main excavation area. The burial was in the fifth row north of the church. Burial 157 was to the west and Burial 172 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 80 cm long  $\times$  26 cm wide (31.5 in  $\times$  10.24 in). A sample of 23 wire nails was collected. All are too fragmentary to be measured. Some wood and nails had cloth remnants adhered to them. A conglomeration of rusted wire nails was identified below the coffin.

### Associated Artifacts

Four buttons were associated with this burial: three Type 2 and one Type 2.1. No additional artifacts were identified.

### **Burial 159**

Burial 159 was located in the east central portion of the main excavation area and contained the remains of a perinatal individual. The burial was in the fourth row north of the church. Burial 011 was to the west and Burial 032 was to the east.

### Coffin

The coffin was rectangular in shape, measuring 55 cm × 20 cm (21.7 in × 7.87 in). At least 11 nails were recovered. They are fragmentary, but the estimated length is 6.67 cm (2.63 in). They are possibly machine cut nails.

### Associated Artifacts

Eight buttons were found in association with this burial: three Type 2 buttons and five Type 5 buttons. No additional artifacts were present.

### **Burial 160**

Burial 160 was located in the southeast portion of the main excavation area and contained the remains of an infant-perinate. The burial was in the second row north of the church. Burial 153 was to the west and Burial 161 was to the east.

### Coffin

The coffin was rectangular in shape, measuring 72 cm × 30 cm (28.3 in × 11.81 in). A sample of at least sixteen nails was collected. The nails were machine cut and approximately 6.67 cm (2.63 in) long.

### Associated Artifacts

One shell button was recovered but was too fragmentary to identify the specific size or type. Six Type 2 buttons were found in association with this burial.

### **Burial 161**

Burial 161 was located in the southeast portion of the main excavation area and contains fetal remains. The burial was in the second row north of the church. Burial 160 was to the west and Burial 162 was to the east.

#### Coffin

The coffin was four-sided, possibly tapering towards the feet, measuring 85 cm × 16 cm (33.5 in × 6.30 in). A sample of at least 14 wire nails was collected. Complete nails measured 5.72 cm (2.25 in). Four Type 4 thumbscrews were associated with this burial. Fragments of two Type 4 coffin stud were also collected. Pieces of five staples were also recovered. Several pieces had cloth attached to the staples. Three screws with wire wrapped around them were also recovered, and their function is unknown. Finally, four Type 4 handles were found associated with the burial.

#### Associated Artifacts

Three buttons were associated with this burial. All were made of shell. Two are Type 8.1 and one is too fragmented to be identified. No additional artifacts were identified.

### **Burial 162**

Burial 162 was located in the southeast portion of the main excavation area and contains fetal remains. The burial was in the second row north of the church. Burial 161 was to the west and Burial 163 was to the east.

#### Coffin

The coffin was rectangular in shape, possibly tapering towards the foot end, measuring 64 cm × 21 cm (25.2 in × 8.27 in). More than 14 wire nails measuring approximately 6.35 (2.5 in) long were recovered.

#### Associated Artifacts

One Type 2 button was associated with this burial. A small piece of brown/black material was recovered. No additional artifacts were identified.

### **Burial 163**

Burial 163 was located in the southeast portion of the main excavation area. The burial was in the second row north of the church. Burial 162 was to the west and Burial 164 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 73 cm × 21 cm (28.7 in × 8.27). A collected sample of 10 wire nails range in length from 6.99 cm to 7.62 cm (2.75 in to 3 in). No additional coffin hardware was recovered.

#### Associated Artifacts

No additional artifacts were found in association with this burial.

### **Burial 164**

Burial 164 was located in the southeast portion of the main excavation area. The burial was in the second row north of the church. Burial 163 was to the west and Burial 165 was to the east.

#### Coffin

The coffin was four sided and tapering towards the feet, measuring 74 cm long × 25 cm wide (29.1 in × 9.84 in). A collected sample of more than 23 wire nails ranging in length from 6.35 cm to 6.99 cm (2.5 in to 2.75 in). No additional coffin hardware was collected.

#### Associated Artifacts

Several pieces of fragmented ferrous metal wire were recovered from the burial. Some pieces had hair attached and some had fabric attached. The wire is not in an identifiable shape, but some pieces are twisted together. Some was found near the head and some near the left hand/pelvis. No additional artifacts were identified.

### **Burial 165**

Burial 165 was located in the southeast portion of the main excavation area. The burial was in the second row north of the church. Burial 164 was to the west and Burial 166 was to the east.

#### Coffin

The coffin was rectangular in shape, measuring 64 cm long  $\times$  70 cm wide (25.2 in  $\times$  27.56 in). A collected sample of 14 wire nails range in size from 3.4925 cm to 5.175 cm (1.38 in to 2.25 in) was collected. No additional coffin hardware was recovered.

#### Associated Artifacts

No associated artifacts were recovered with this burial.

### **Burial 166**

Burial 166 was located in the southeast portion of the main excavation area. The burial was in the second row north of the church. Burial 165 was to the west and Burial 167 was to the east.

#### Coffin

This burial consisted of a coffin within a rectangular wooden vault. The coffin may have had a rounded shape at the top with a pinched toe box, measuring 85 cm long  $\times$  42 cm wide (33.5 in  $\times$  16.54 in). A collected sample of roughly 37 wire nails ranged in length from 4.45 cm to 8.26 cm (1.75 in to 3.25 in). A Type 2 ornamental metal cross was placed across the top center of the coffin.

#### Associated Artifacts



Six pieces of ferrous twisted wire fragments were associated with this burial. The fragments have wood and cloth adhered to them. No additional artifacts were associated with this burial.

### **Burial 167**

Burial 167 was located in the southeast portion of the main excavation area. The burial was in the second row north of the church. Burial 166 was to the west. No burials were identified to the east.

#### Coffin

The coffin was rectangular in shape, measuring 64 cm long  $\times$  20 cm wide (25.2 in  $\times$  7.87 in). A sample of 16 wire nails was collected. Complete nails ranged from 6.35 cm to 8.89 cm (2.5 in to 3.5 in) in length. No additional coffin hardware was collected.

#### Associated Artifacts

Three Type 11 buttons were associated with this burial. Additionally, 23 pieces of twisted ferrous metal were found. No additional artifacts were identified.

### **Burial 168**

Burial 168 was located in the east central portion of the main excavation area. The burial was in the fourth row north of the church. Burial 005 was to the west and Burial 033 was to the east.

#### Coffin

The coffin shape was indistinct due to bioturbation, but may have been rectangular. The grave shaft measured 98 cm long  $\times$  52 cm wide (38.6 in  $\times$  20.47 in). A sample of at least 18 machine cut nails was collected. Nails ranged in length from 6.35 cm to 8.26 cm (2.5 in to 3.25 in). No additional hardware was collected.

#### Associated Artifacts

Ten buttons were associated with this burial. One is a Type 1.1 button; the other nine are Type 12 buttons. No additional artifacts were identified.

### **Burial 169**

Burial 169 was located in the east central portion of the main excavation area. The burial was in the fourth row north of the church. Burial 180 was to the west and Burial 185 was to the east.

#### Coffin

No coffin shape was discernable with this burial due to disturbance from rodent activity.

Approximately 10 wire nails were recovered from this burial. Complete nails measured 7.62 cm (3 in) in length. No additional coffin hardware was recovered.

#### Associated Artifacts

One Type 9 button was associated with this burial. No additional artifacts were recovered.

### **Burial 171**

Burial 171 was located in the east central portion of the main excavation area. The burial was in the fifth row north of the church. Burial 172 was to the west and Burial 180 was to the east.

#### Coffin

The coffin was indistinct in shape but appears to be four-sided, measuring 87 cm long  $\times$  30 cm wide (34.3 in  $\times$  11.81 in). A sample of 37 wire nails ranging in length from 6.35 cm to 6.99 cm (2.5 to 2.75 in). Three unknown ferrous metal bracket type pieces were found. A Type 3 ornamental metal cross was recovered. Four Type 9 handles were attached to the coffin. Four Type 9 thumbscrews also were identified.

#### Associated Artifacts

Three Type 2 buttons were recovered with this burial. Six pieces of twisted ferrous metal wire were also found with this burial. No additional artifacts were present.

### **Burial 172**

Burial 172 was located in the east central portion of the main excavation area. The burial was in the fifth row north of the church. Burial 158 was to the west and Burial 171 was to the east.

#### Coffin

The coffin was rectangular in shape and very little wood remained. The coffin measured 87 cm long  $\times$  30 cm wide (18.1 in  $\times$  7.87 in) with little wood remaining. At least 11 nails were recovered from this burial. They are wire nails and approximately 6.67 cm (2.63 in) inches long. No additional coffin hardware was associated with this burial.

#### Associated Artifacts

No artifacts were found in association with this burial.

### **Burial 173**

Burial 173 was located in the southeast portion of the main excavation area. The burial was in the third row north of the church. Burial 002 was to the west; no burials were identified to the east of Burial 173.

#### Coffin

The coffin was rectangular in shape, measuring 78 cm long  $\times$  31 cm wide (30.7 in  $\times$  12.20 in). A sample of more than 28 very fragmentary machine cut nails was collected. Nails ranged in length from 6.35 cm to 6.99 cm (2.5 in to 2.75 in). Additionally, at least 68 small brads or tacks were collected. These were arranged in what appeared to be a cross-pattern decoration near the center of the top of the coffin. No additional hardware was collected.

#### Associated Artifacts

One Type 2.2 button was associated with this burial. Fragments of metal wire with hair attached to it were also recovered. The function of the metal fragments is unknown, but they could be

part of a floral crown or a pin of some kind. Green discoloration suggests a copper component to the wire.

### **Burial 175**

Burial 175 was located in the northeast portion of the main excavation area. The burial was in the sixth row north of the church. Burial 016 was to the west and Burial 030 was to the east.

#### Coffin

The coffin was rectangular in shape and tapered toward the feet, measuring 53 cm long  $\times$  20 cm wide (20.9 in  $\times$  7.87 in). The collected nail sample represents 14 wire nails ranging from 6.35 cm to 7.94 cm (2.5 in to 3.13 in). A fragment of a machine cut nail was also recovered, along with a machine cut tack measuring 1.91 cm (0.75 in). No additional coffin hardware was identified.

#### Associated Artifacts

One Type 1.2 button was recovered from this burial context. No additional artifacts were present.

### **Burial 176**

Burial 176 was located in the northeast portion of the main excavation area. The burial was in the sixth row north of the church. Burial 030 was to the west and Burial 179 was to the east.

#### Coffin

The coffin was six-sided and tapered nearer to the top than most others, with a maximum length of 79 cm and a maximum width of 31 cm (58.3 in  $\times$  18.11 in). Ten coffin studs were found with this burial. A sample of 19 wire nails was collected. The nails ranged in length from 5.08 cm to 6.35 cm (2 in to 2.5 in). Four Type 7 coffin studs and six Type 11 coffin studs were recovered.

A Type 6 decorative metal object was found on the center of the coffin lid. Four Type 16 handles were attached to this coffin.

#### Associated Artifacts

Four buttons were associated with this burial. Two buttons were Type 15.1 and the other two were Type 20. Field notes and photos do not indicate where the buttons were on the body. No additional artifacts were recovered with this burial.

#### **Burial 177**

Burial 177 was located in the northeast portion of the main excavation area. The burial was in the seventh row north of the church. Burial 170 was to the west and Burial 178 was to the east.

#### Coffin

This burial appears to be vaulted. An outer rectangular vault/coffin was present, along with an inner coffin painted white. The shape of the inner coffin is indistinct, although it appears to measure 97 cm long × 37 cm wide (38.2 in × 14.57 in). A sample of 39 nails was collected. One nail was machine cut, the rest were wire nails. The nails ranged in length from 5.08 cm to 8.26 cm (2 in to 3.25 in). Three Type 6 coffin studs were associated with this burial. A Type 1.2 ornamental item was also associated with the burial. Four Type 5 thumbscrews were found. Four Type 5 handles were recovered.

#### Associated Artifacts

Three buttons were associated with this burial. Two were Type 14 and one was a Type 15 button. No additional artifacts were found.

#### **Burial 178**

Burial 178 was located in the northeast portion of the main excavation area. The burial was in the seventh row north of the church. Burial 177 was to the west. There were no burials identified east of Burial 178.

#### Coffin

The coffin appears to be wider at the shoulder level and seems likely to have been six-sided. It was also painted white and measured 54 cm long  $\times$  30 cm wide (21.3 in  $\times$  11.81 in). A sample of 32 wire nails was collected. The nails measure 5.08 cm to 6.35 cm (2 in to 2.5 in) long. Four Type 5 thumb screws were associated with this burial. The escutcheons were poorly preserved, but still partially present on each thumbscrew. Four handles were found with this burial. Three are Type 6 and one is a Type 7 handle. A Type 1.2 ornamental artifact was also found on the center of the coffin. A Type 3 viewing window was recovered with sealant and hair still clinging to the glass. The longer portion of the glass is 24.13 cm (9.5 in) and the widest part is 14.61 cm (5.75 in). The narrowest portion of the oval was closest to the top of the coffin.

#### Associated Artifacts

Five buttons were found: four Type 2 and one Type 2.2. No additional artifacts were found in association with this burial.

### **Burial 179**

Burial 179 was located in the northeast portion of the main excavation area. The burial was in the sixth row north of the church. Burial 176 was to the west. No burials were identified east of Burial 179.

#### Coffin

The coffin was rectangular measuring 148 cm long  $\times$  46 cm wide (58.3 in  $\times$  18.11 in). A sample of 15 wire nails was collected. Measureable nails were between 4.45 cm to 5.08 cm (1.75 in to 2

in). A Type 1.3 decorative cross was included with the burial. A fragment of metal piping was also recovered. Three Type 14 thumbscrews were associated with the burial. Four Type 19 handles were attached to the coffin. No additional hardware was identified.

#### Associated Artifacts

Pieces of shoes were associated with this burial. There seems to be enough pieces of the soles to represent two shoes. No additional artifacts were found with the burial.

### **Burial 180**

Burial 180 was located in the east central portion of the main excavation area. The burial was in the fifth row north of the church. Burial 171 was to the west and Burial 169 was to the east.

#### Coffin

The coffin was four-sided and measured 78 cm long  $\times$  45 cm wide (30.7 in  $\times$  17.72 in). A sample of 20 machine cut nails was collected. They were approximately 7.62 cm (3 in) in length. No additional hardware was found.

#### Associated Artifacts

Twenty-nine fragments of ferrous metal wire fragments were found. One has unidentified cloth attached to it. No additional artifacts were identified.

### **Burial 182**

Burial 182 was located in the east central portion of the main excavation area. The burial was in the fourth row north of the church. Burial 001 was to the west and Burial 188 was to the east and was not excavated.

#### Coffin

The coffin shape was diffuse due to poor preservation, but it appeared to be four-sided with a length of 108 cm and a width of 45 cm (42.5 in  $\times$  17.72 in). A large Type 2 glass viewing

window was recovered and likely took up much of the coffin lid. The viewing window had remnants of paper, likely a prayer card, adhering to it. A nail sample 47 of wire nails was collected. The length range is 4.45 cm to 6.35 cm (1.75 in to 2.5 in). Eight Type 3 handle parts (brackets and tips from bar handles) were found in association with this burial, likely representing four handles. Fragments of at least eight Type 5 coffin studs were found. They are extremely fragmented, making the shape and design indiscernible. Several of the coffin stud fragments had fiber on the back, suggesting the coffin may have been covered in cloth. Four other pieces of hardware were found that are part of a latch system labeled as Type 1. They may have been to latch the viewing window.

#### Associated Artifacts

Two fragmentary Type 8 buttons were associated with this burial. Three ferrous metal pieces with fabric adhered to them were also identified. Their original form and function are unclear in their current state. Paper fragments were found in association with this burial as well. They are likely fragments of a prayer card placed on the viewing glass when the individual was interred. Some paper was collected from the viewing window. The card is too degraded to determine the image on it, but fragments suggest patterns seen on robes on other prayer cards. White, blue, and red colors are visible. One ferrous metal blob was also found; its form and function are unknown.

#### **Burial 183**

Burial 183 was located in the east central portion of the main excavation area. The burial was in the fourth row north of the church. Burial 032 was to the west and Burial 005 was to the east. The burial was heavily impacted by the backhoe.

#### Coffin



No coffin was visible during the excavation of the burial. Five machine cut nail fragments were recovered, none representing complete nails. No additional hardware was recovered.

#### Additional Artifacts

No additional artifacts were recovered with this burial.

### **Burial 184**

Burial 184 was located in the west central portion of the main excavation area. The burial was in the fourth row north of the church. Burial 133 was west of Burial 185 and slightly overlapped it. Burial 038 was east of Burial 184 and overlapped it as well.

#### Coffin

The coffin was six-sided and painted white, measuring 159 cm long × 72 cm wide (21.7 in × 13.78 in). There is also some green on the coffin, but it is likely from copper components in the coffin decoration. A sample of twenty-three machine cut nails was collected. Nails ranged in size from 3.81 cm to 6.99 cm (1.5 in to 2.75 in). Fragment of two screws were also recovered. Four Type 1 screw covers were identified. Three Type 4 coffin studs were found with this burial. The coffin had a Type 8 viewing window that was broken into three pieces. The tapered end was towards the top of the coffin. Along with the viewing window, pieces of sealant were found.

#### Associated Artifacts

Fragments of twisted ferrous wire were found with this burial. No additional artifacts were identified.

### **Burial 185**

Burial 185 was located in the east central portion of the main excavation area. The burial was in the fifth row north of the church. Burial 169 was to the west. No burials were identified to the east of Burial 185.

#### Coffin

The coffin was rectangular in shape and measured 51 cm long × 22 cm wide (20.1 in × 8.66 in). A sample of 14 machine cut nails was collected. Measureable nails were approximately 5.08 cm (2 in) in length. One partial screw was also recovered. No additional hardware was identified.

#### Associated Artifacts

No additional artifacts were associated with this burial.

### **Burial 186**

Burial 186 was located in the south central portion of the main excavation area and contains fetal remains. The burial was in the first row north of the church. Burial 155 was to the west. Feature 1 was east of Burial 186 and partially intruding into it.

#### Coffin

The coffin was rectangular in shape, measuring 57 cm wide × 22 cm long (22.4 in × 8.66 in). A nail sample included fragments making up possibly ten nails. They appear to be wire nails and include a possible finishing nail and a tack. Additionally, one screw was recovered. Five coffin studs were found, including one Type 4 and four Type 2 studs. The four Type 2 studs were arranged around at the ends of the arms of the cross. This was near the head of the individual.

#### Associated Artifacts

Five buttons were associated with this burial, including one Type 1, one Type 1.1, one Type 7, and two shell buttons of an indeterminate type. Two pins were found with hair and possibly fabric adhering to them in the area of the neck vertebrae.

## **Burial 187**

Burial 187 was located in the central portion of the main excavation area measuring 62 cm long × 23 cm wide (24.4 in × 9.06 in). The burial was in the fourth row north of the church. Burial 147 was to the west and Burial 148 was to the east.

### Coffin

The coffin was rectangular in shape, measuring 62 cm long × 23 cm wide (24.4 in × 9.06 in). There were more than 16 wire nails recovered, each measuring 6.35 cm to 6.99 cm (2.5 in to 2.75 in) in length. No additional coffin hardware was identified.

### Associated Artifacts

Seven buttons were associated with this burial: one Type 1 button, one Type 1.1 button, and three Type 3 buttons. No additional artifacts were identified.

## **Feature 1**

Feature 1 is a trench from a water line that likely disturbed burials when it was initially excavated. Some historic artifacts and remains of a burial were recovered from this trench. One Type 2.1 button was found in Feature 1. Two pieces of broken glass, one clear and one green, were within the feature. A twisted piece of copper wire was also recovered, as was a metal pipe fitting. Finally, six wire nails were collected.

## **Feature 2**

Feature 2 was likely part of the same trench as feature one. Some debris was found in the feature, but no human remains were uncovered. Four finishing nails with adhering wood were contained within Feature 2. No additional hardware, artifacts, or remains were recovered.

## **Machine Scrape**

Some artifacts were collected during machine scraping of the excavation area. These objects were either unassociated with the burials or were not in context with a particular burial. A silicified sandstone biface was recovered from fill. This artifact is not associated with the burials in the historic cemetery. One Type 1.3 ornamental objet was also found. Although it is fragmentary, the size and presence of “No 2...” on the back suggest it is a Type 1.3 ornamental metal object. Additionally, four items were piece plotted during machine scraping. Piece plots 1 and 2 were wire nails measuring 3.18 cm (1.25 in) each. Piece plot 3 was a finishing nail measuring 5.08 cm (2 in) long. Finally, piece plot 4 was a mass of silver metal, possibly for soldering. No additional hardware, artifacts, or remains were collected.