

DEATHWAYS AND LIFEWAYS IN THE AMERICAN SOUTHWEST

TUCSON'S HISTORIC ALAMEDA-STONE CEMETERY AND THE TRANSFORMATION OF A REMOTE OUTPOST INTO AN URBAN CITY

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VOLUME 1 CONTEXT AND SYNTHESIS FROM THE JOINT COURTS COMPLEX ARCHAEOLOGICAL PROJECT, TUCSON, ARIZONA

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VOLUME 2 THE HISTORY, ARCHAEOLOGY, AND SKELETAL BIOLOGY OF THE ALAMEDA-STONE CEMETERY

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DEATHWAYS AND LIFEWAYS IN THE AMERICAN SOUTHWEST

TUCSON'S HISTORIC ALAMEDA-STONE CEMETERY AND THE TRANSFORMATION OF A REMOTE OUTPOST INTO AN URBAN CITY

MICHAEL HEILEN AND
MARLESA A. GRAY,
SERIES EDITORS

VOLUME 3 HISTORY AND ARCHAEOLOGY OF THE JOINT COURTS COMPLEX POSTCEMETERY PERIOD, 1875–2006

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DEATHWAYS AND LIFEWAYS IN THE AMERICAN SOUTHWEST

TUCSON'S HISTORIC ALAMEDA-STONE CEMETERY AND THE TRANSFORMATION OF A REMOTE OUTPOST INTO AN URBAN CITY

MICHAEL HEILEN AND
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VOLUME 4 FEATURE DESCRIPTIONS FROM THE JOINT COURTS COMPLEX ARCHAEOLOGICAL PROJECT, TUCSON, ARIZONA

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PREFACE

This volume provides physical descriptions of all 1,083 grave pit features identified in the Joint Courts Complex project area, as well as the associated burial features and individuals for each grave pit. A discussion of the defining characteristics for grave pits, burial features, and individuals is provided in Chapter 2, Volume 2 of this series. In most cases, a grave pit contained one burial feature representing a single, or primary, individual. In other cases, there were grave pits with multiple burials that contained more than one individual. Table 1 depicts the total number of grave pits for the Joint Courts Complex Archaeological project with a breakdown of the number of burials and individuals for each. Twenty scenarios were defined for the grave pit, burial, and individual relationships. For instance, in Scenario 1, a total of 797 grave pits (or 73 percent) had one burial and one individual. On the other end of the spectrum, Scenario 13 shows that one grave pit identified in the project area (in this case, Grave Pit 7768) had five burial features that represented seven different individuals. This scenario is indicative of the complexities of feature relationships encountered during the cemetery excavations.

In the following grave pit and burial feature descriptions, there are general discussions of each grave pit, followed by more-detailed descriptions of the burials and individuals found within the grave pits. Each grave pit has a corresponding heading at the top. The first heading, *Associated Burial Feature Numbers*, refers to the burial feature number that was assigned to this grave pit. *Number of individuals* refers to the number of unique whole or partial human skeletal remains that were determined to have come from a single person (for a more in-depth discussion, see Chapter 2, Volume 2 of this series). *Dimensions* refers to the maximum length, width, and depth of the grave pit, in centimeters. The length and width measurements were recorded by archaeologists in the field. The depth of a grave pit refers to the actual depth below surface, and was determined using a calculation of the depth of the grave pit below the elevational mapping nail used during excavation, which was added to the depth of that mapping nail below the surface of the site. *Grid location* refers to an arbitrary alphanumeric grid imposed upon the project area as a whole for organizational purposes. These grid units do not have any particular meaning for the cemetery, but were created simply to compartmentalize smaller areas within the cemetery in order to present these areas in finer detail. As can be seen in the following grave pit and burial feature descriptions, the alphanumeric grid is used to isolate 10-by-10-m squares of the cemetery for an easier visual presentation. Cemetery area is an analytical and spatial interpretation of possibly different sections of the military and civilian cemetery. The cemetery areas are numbered 1–5; a more in-depth interpretation of these cemetery areas is presented in Chapter 4, Volume 2 of this series.

Following the grave pit heading and description, a supporting osteological analysis of the individual is presented, as well as a description of the mortuary artifacts associated with each individual. Under *Osteological Summary*, basic demographic information is provided, such as approximate age, sex, and height (stature), as well as the presence or absence of dentition and any observable trauma or pathology to the skeletal remains. These determinations were made during the osteological analysis, and specific determining criteria are discussed in Chapter 2, Volume 2 of this series. Biological affinity is derived from the osteological determinations of ancestry, which is discussed further in Chapter 8, Volume 2 of this series. *Body orientation* refers to the orientation of the skeletal remains. For instance, if an individual was placed into a grave pit with the head pointing to the east, then the body orientation would be east. In some instances, if the skeletal remains were too fragmentary or poorly preserved to determine body orientation, then a determination was made using the shape of the coffin. In the case of a hexagonal coffin, the body orientation would be applied to the direction of the coffin (e.g., the head of the coffin would determine the body orientation of the individual). If the coffin was not hexagonal and the skeletal remains were too poorly preserved, then body orientation was indeterminate.