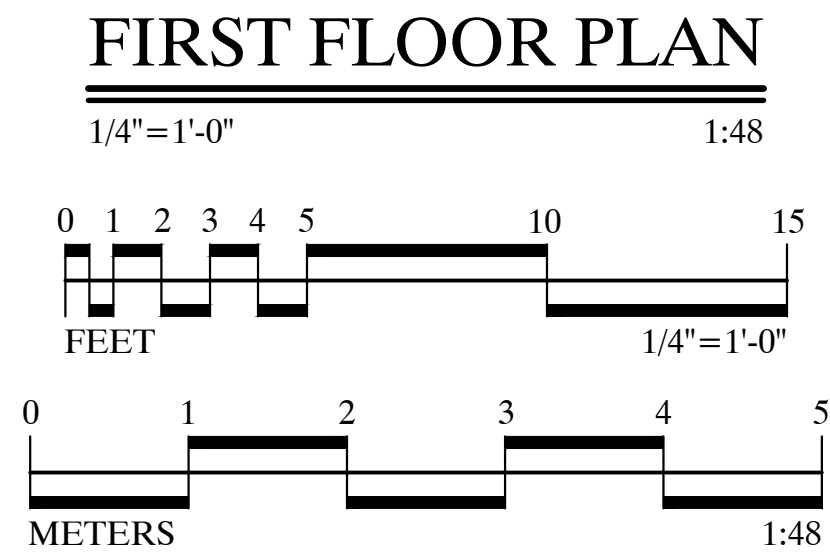
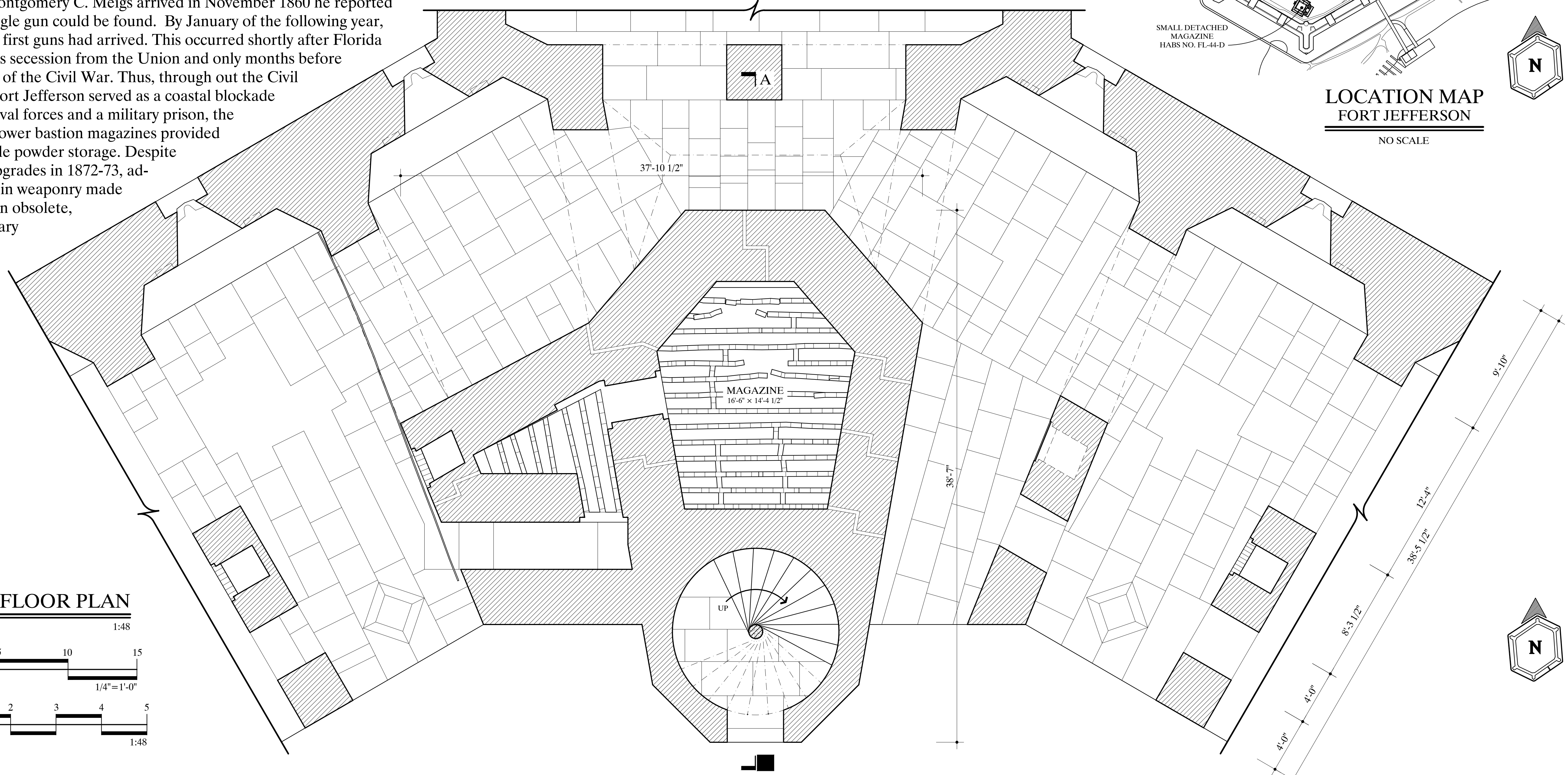
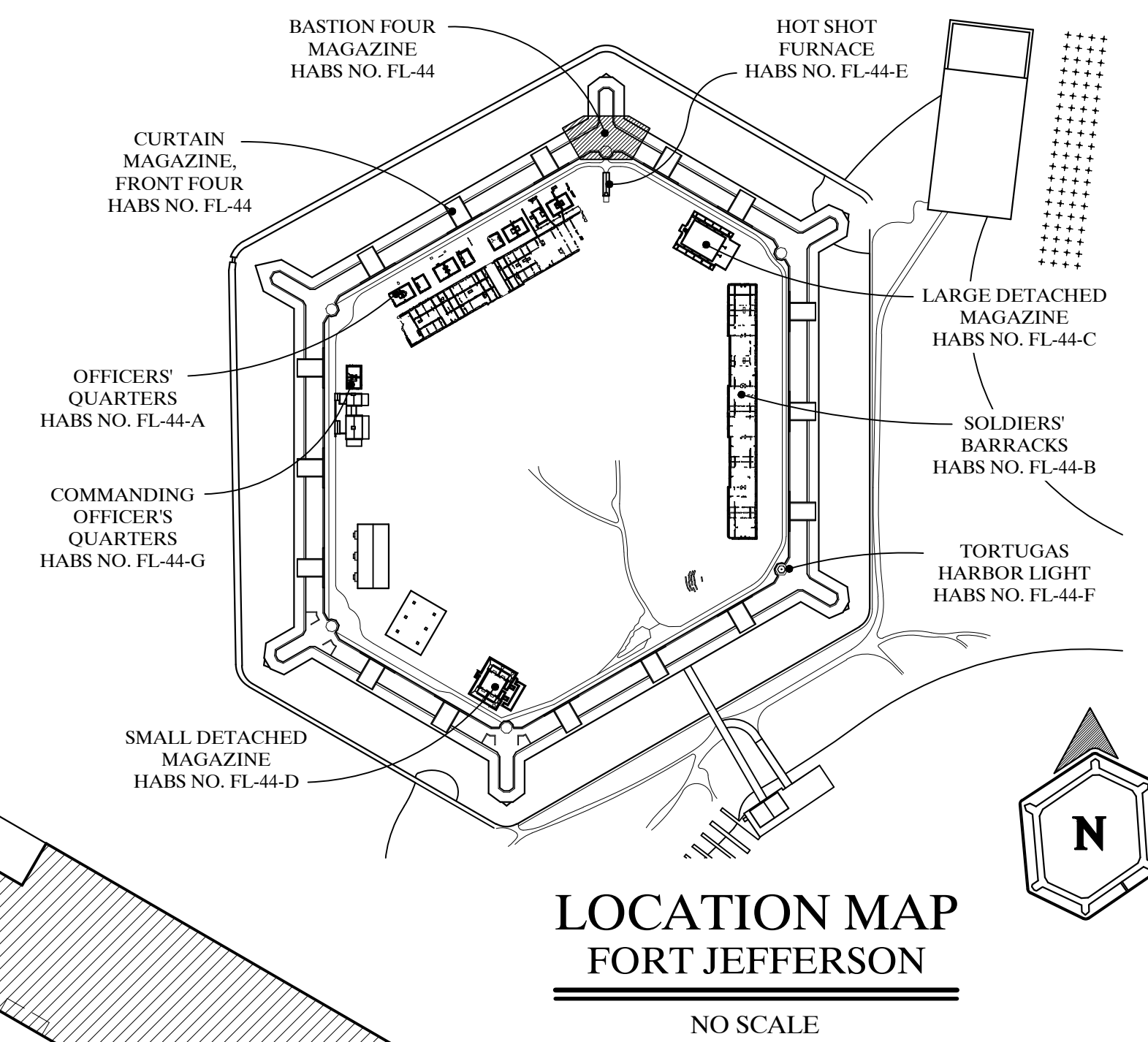


BASTION FOUR MAGAZINE

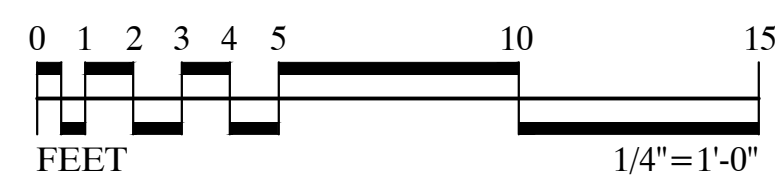
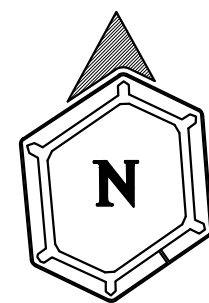
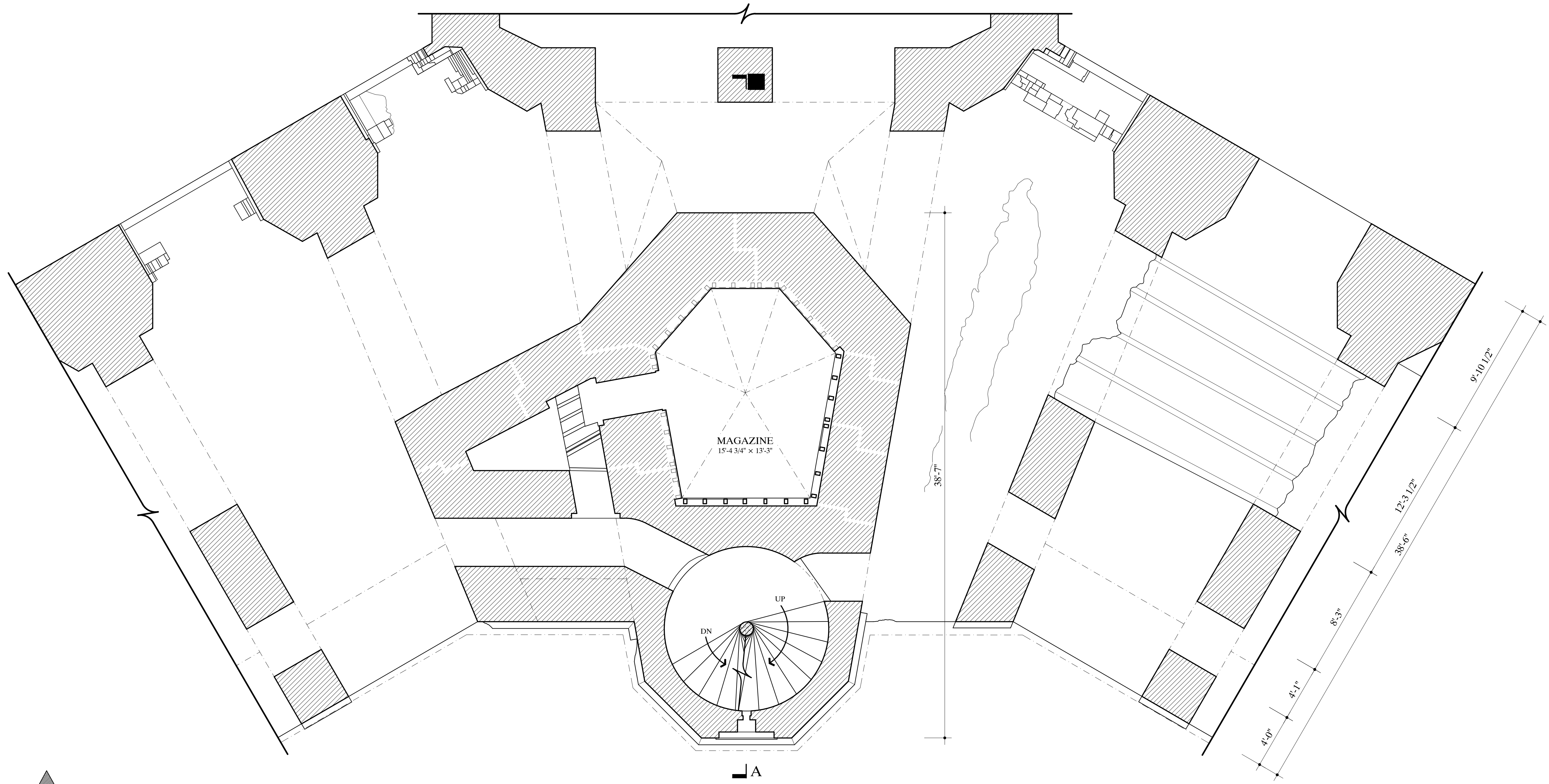
HISTORIC BASTION A

As initially designed by Chief Engineer of the U.S. Army General Joseph Totten, Fort Jefferson was to have independent free-standing powder magazines on the Parade Ground, with small, readily accessible magazines occupying two casemates of each long curtain wall and in each tower bastion. The bastions, located to each corner of the fort, project outward to allow defensive fire in many directions. The bastions also contain a granite spiral stairway providing access to all three tiers of the fort. Totten's plans for the fort were approved by the Secretary of War on November 16, 1846. However, the final plans for the Large and Small magazines that were to serve as the main and secondary powder storage facilities were not developed until 1861, and their construction not begun until 1865. In fact, when Superintending Engineer, Montgomery C. Meigs arrived in November 1860 he reported that not a single gun could be found. By January of the following year, however, the first guns had arrived. This occurred shortly after Florida announced its secession from the Union and only months before the outbreak of the Civil War. Thus, through out the Civil War, when Fort Jefferson served as a coastal blockade for Union naval forces and a military prison, the curtain and tower bastion magazines provided the only viable powder storage. Despite armament upgrades in 1872-73, advancements in weaponry made Fort Jefferson obsolete, and the military abandoned it in 1876.

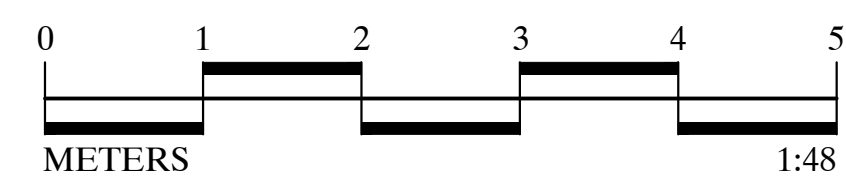
Documentation of the Bastion 4 Magazine was undertaken by the Historic American Buildings Survey (HABS), Heritage Documentation Programs (HDP) of the National Park Service (Catherine C. Lavoie, Chief, HABS; Richard O'Connor, Chief, HDP) in Winter 2016. The project was undertaken by HABS in cooperation with Dry Tortugas National Park (Glenn Simpson, Park Manager; Kelly Clark, Cultural Resources Specialist) and Lord Aeck Sargent (Rob Yallop, Senior Associate; Kelly Gawinek, Project Architect. The HABS documentation of the Fort Jefferson Parade Ground Structures was funded with a grant from the HTR Foundation. Field recording and measured drawings were completed by Paul Davidson and Daniel De Sousa, HABS Architects. The large-format photography was undertaken by Todd Croteau, HAER Architect.



IF REPRODUCED, PLEASE CREDIT THE HISTORIC AMERICAN BUILDINGS SURVEY, NATIONAL PARK SERVICE, NAME OF THE DRAWING, DATE OF DRAWING



SECOND FLOOR PLAN
1/4" = 1'-0" 1:48



DRAWN BY: DANIEL DE SOUSA
 FORT JEFFERSON DOCUMENTATION PROJECT, 2016
 NATIONAL PARK SERVICE
 UNITED STATES DEPARTMENT OF THE INTERIOR

DRY TORTUGAS NATIONAL PARK
 KEY WEST

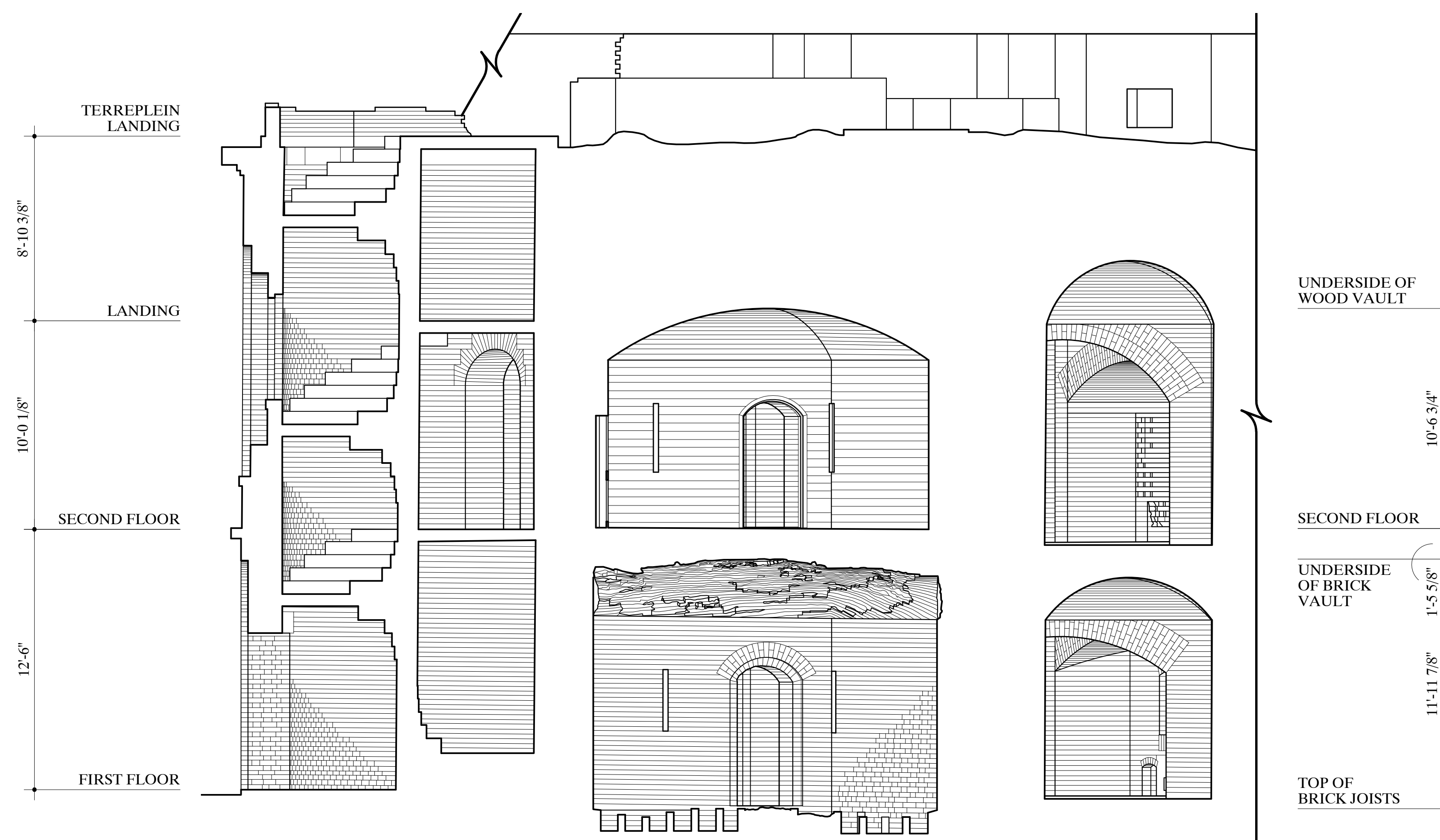
FORT JEFFERSON, BASTION 4 MAGAZINE
 MONROE COUNTY
 FLORIDA

SURVAY NO.
 FL-44

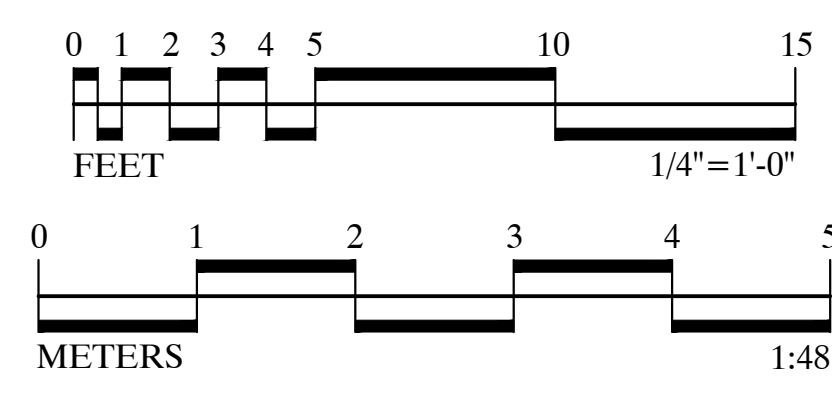
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SECTION A-A
1/4" = 1'-0" 1:48



SOUTH ELEVATION
1/4" = 1'-0" 1:48