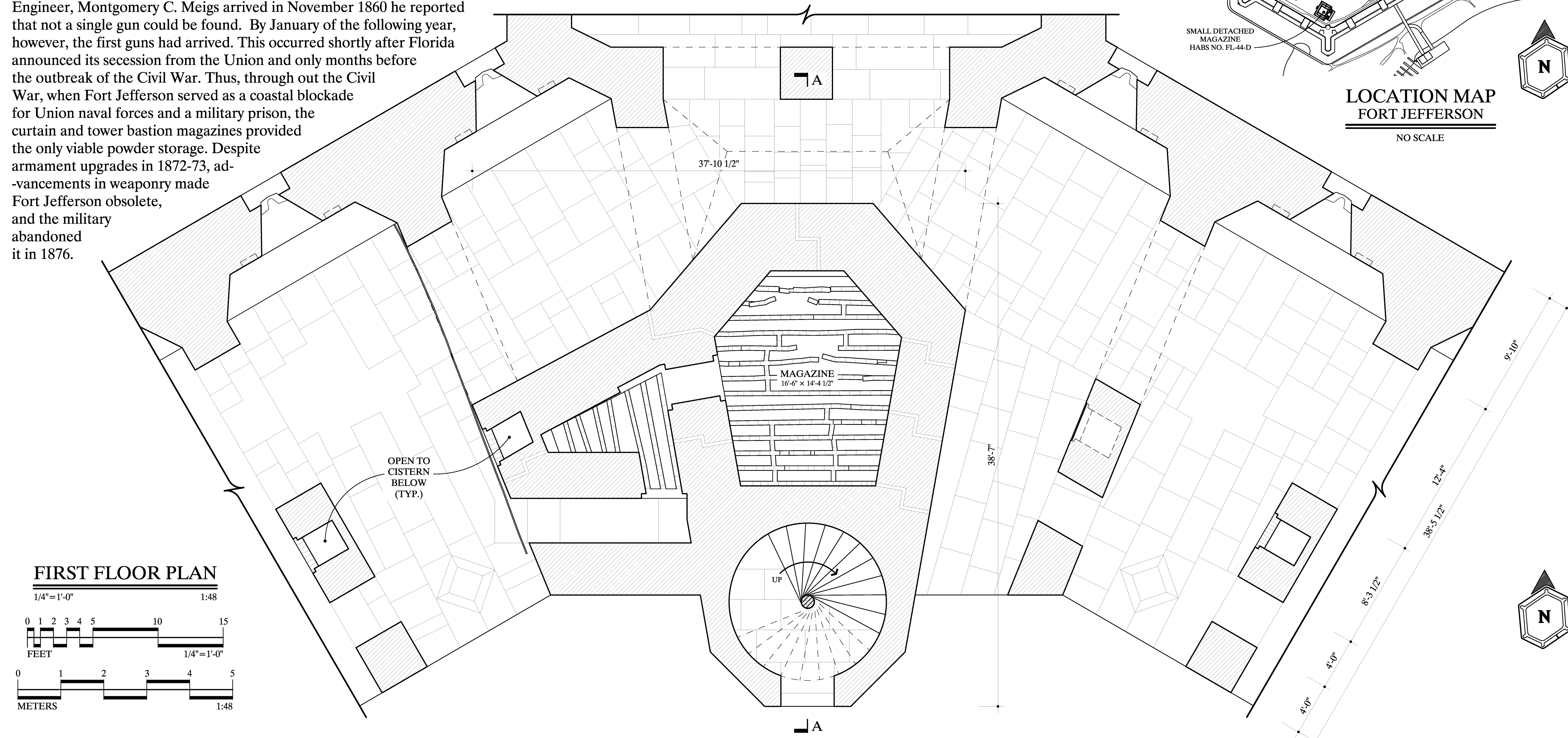
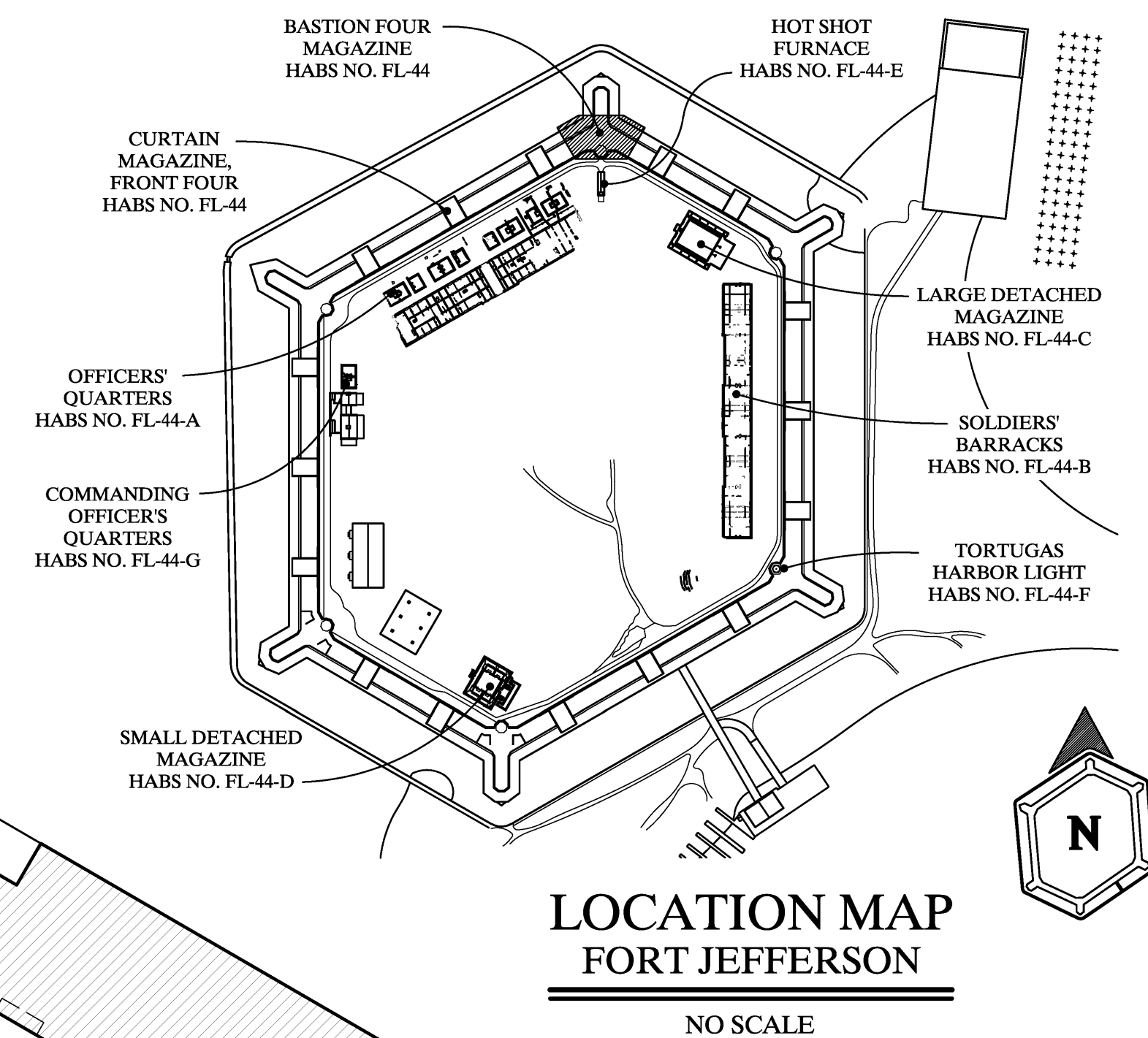


BASTION FOUR MAGAZINE

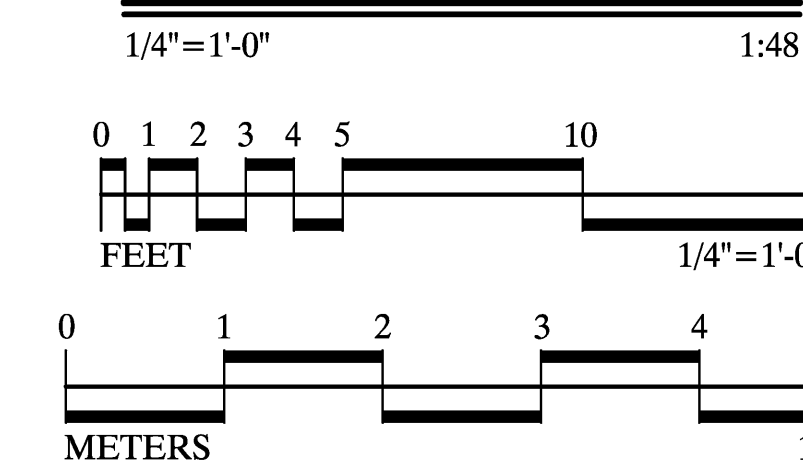
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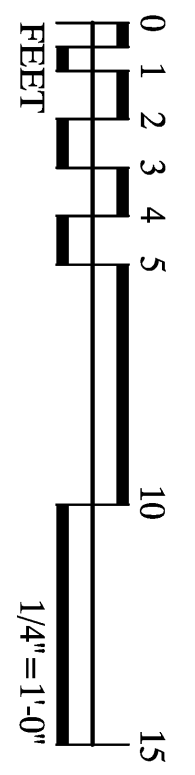
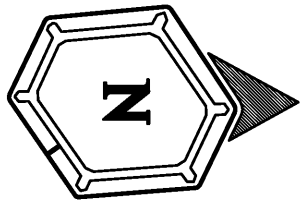
As initially designed by Chief Engineer of the U.S. Army General Joseph Totten, Fort Jefferson was to have independent free-standing powder magazines on the Parade Ground, with small, readily accessible magazines occupying two casemates of each long curtain wall and in each tower bastion. The bastions, 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.

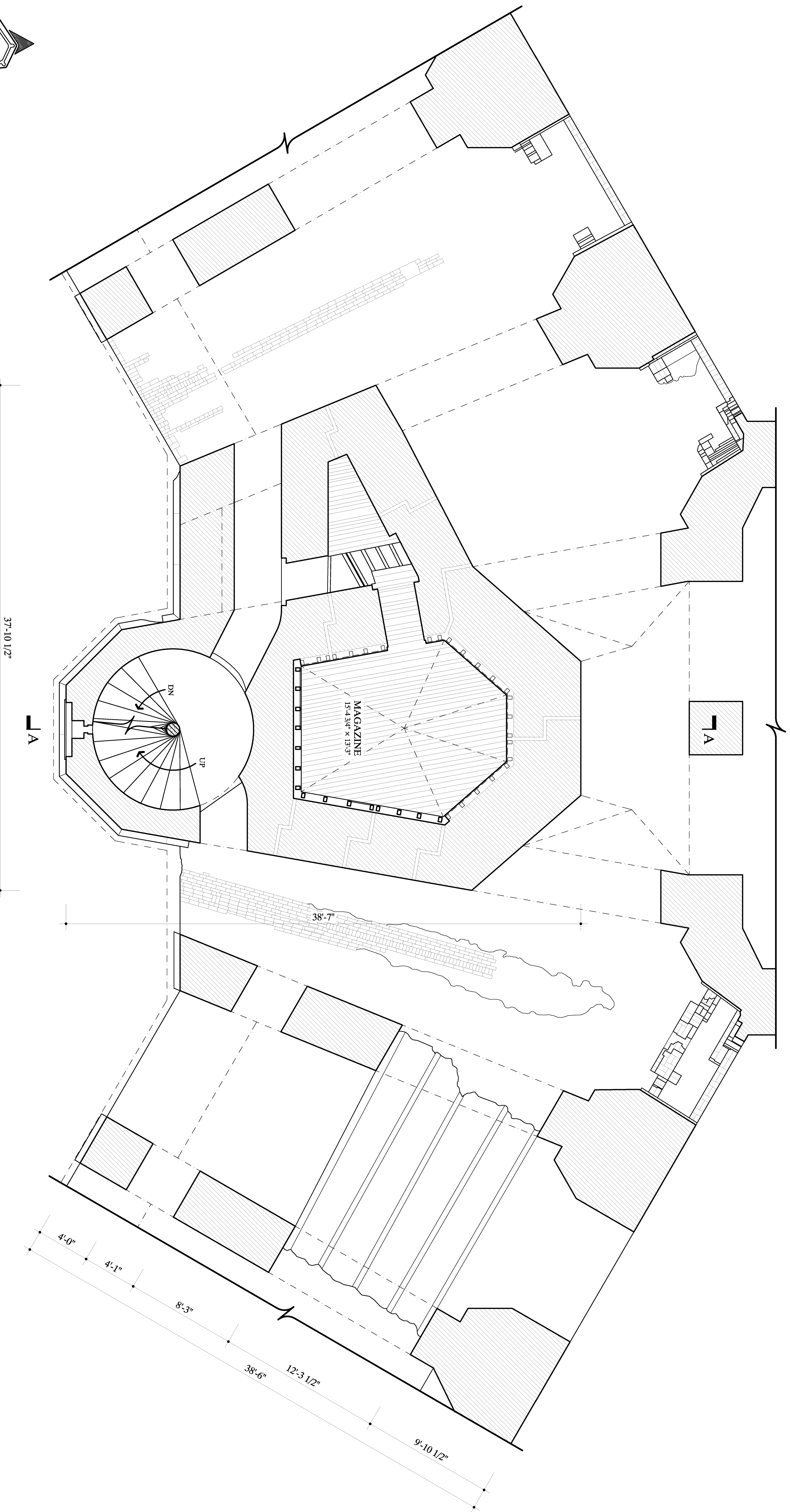
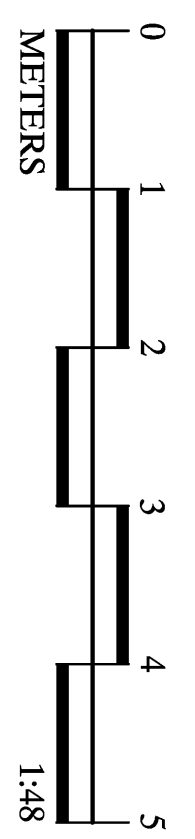


FIRST FLOOR PLAN





SECOND FLOOR PLAN
BASTION FOUR MAGAZINE
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

FORT JEFFERSON
KEY WEST

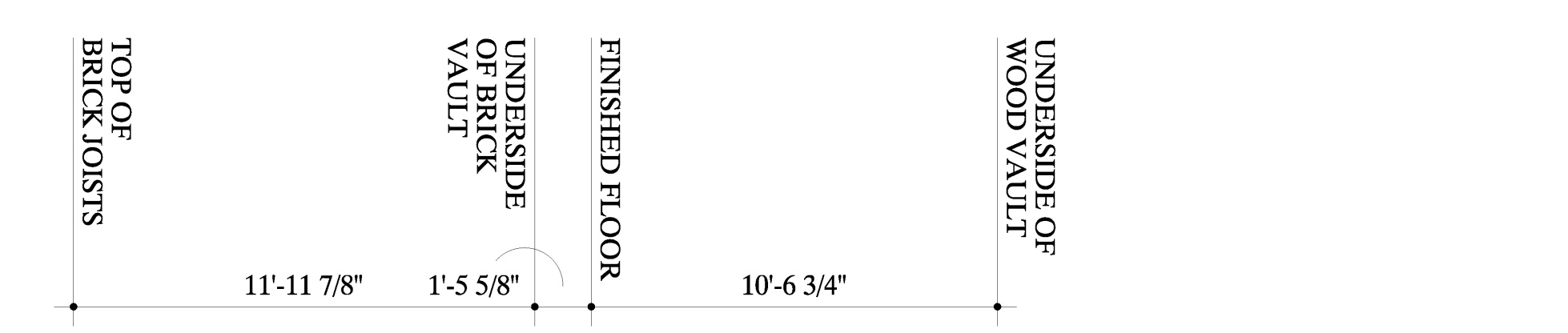
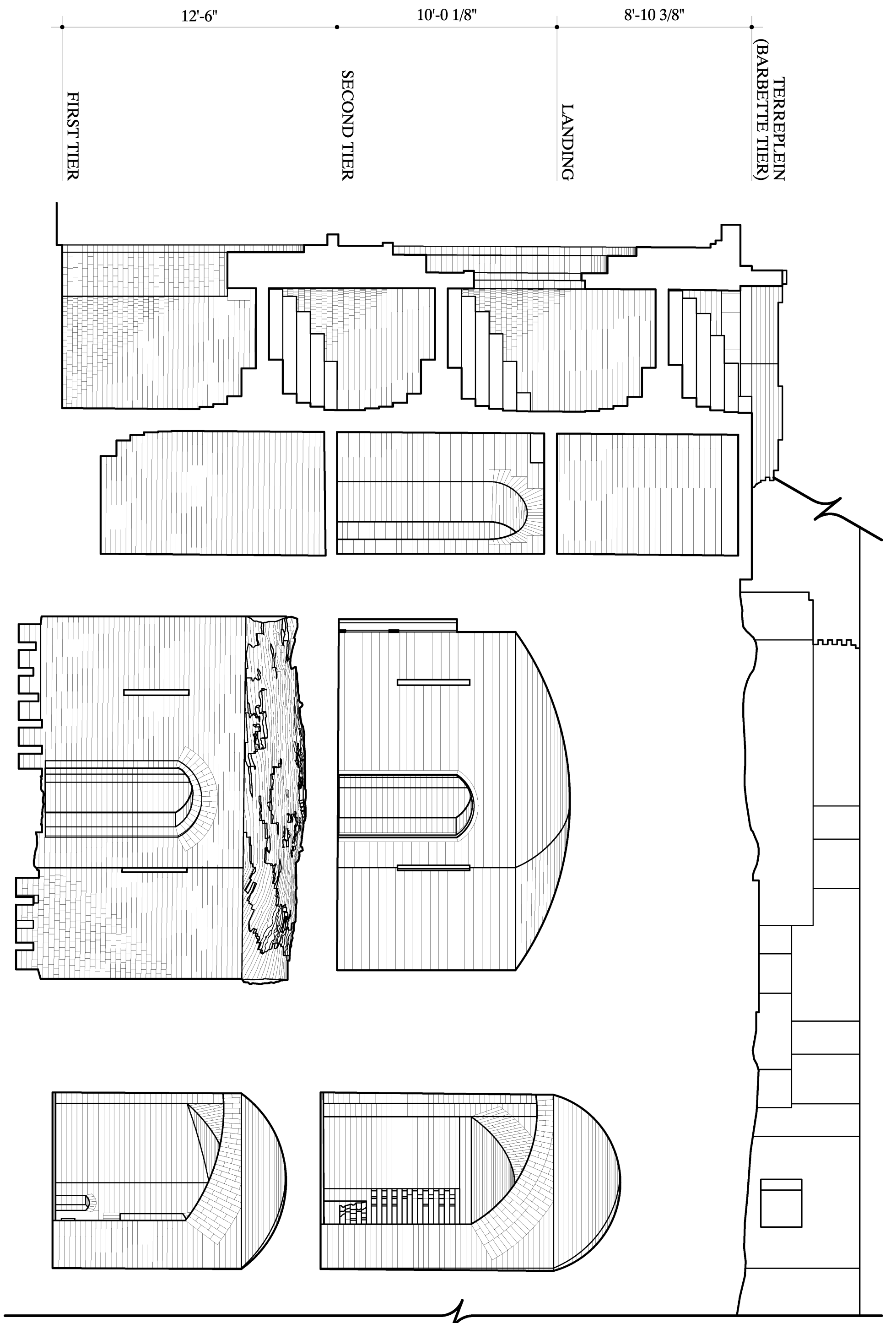
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FLORIDA

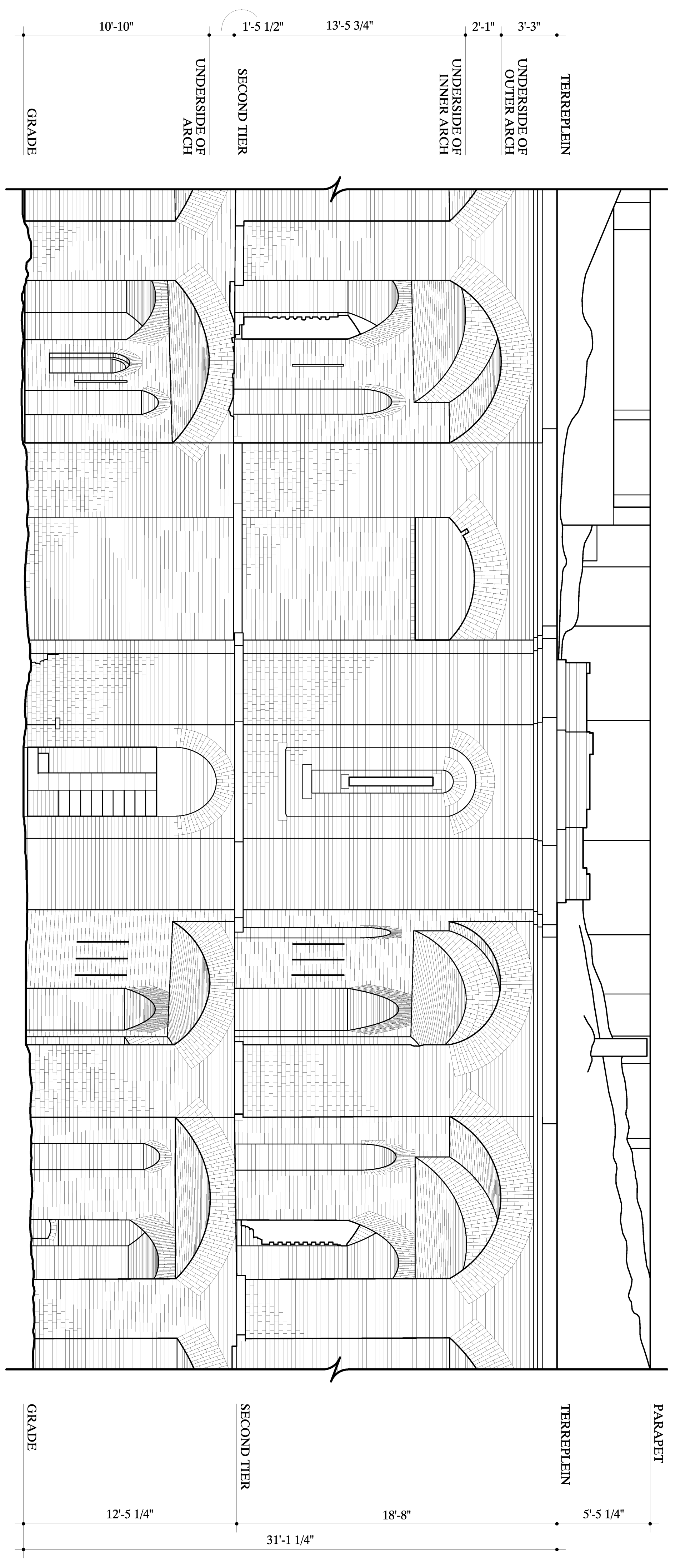
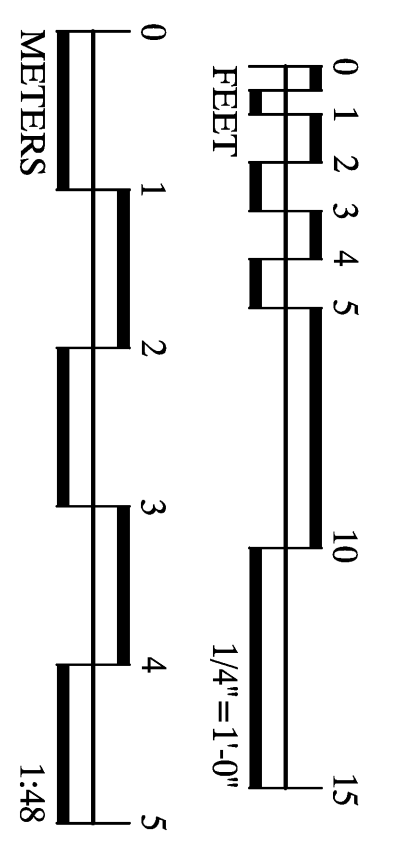
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SECTION A-A
BASTION FOUR MAGAZINE
 1/4"=1'-0"
 1-48

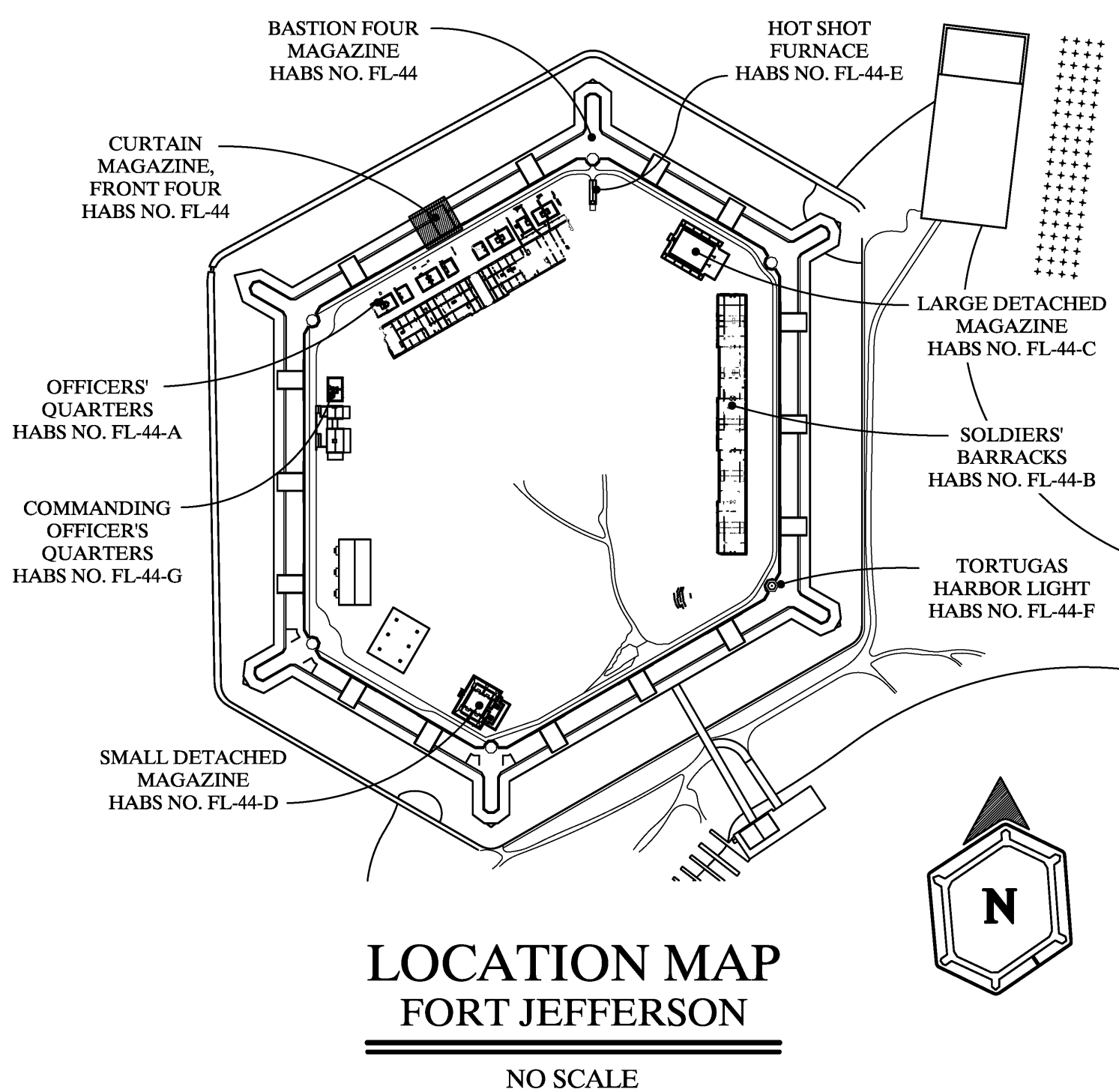


SOUTH ELEVATION
BASTION FOUR MAGAZINE
 1/4"=1'-0"
 1-48

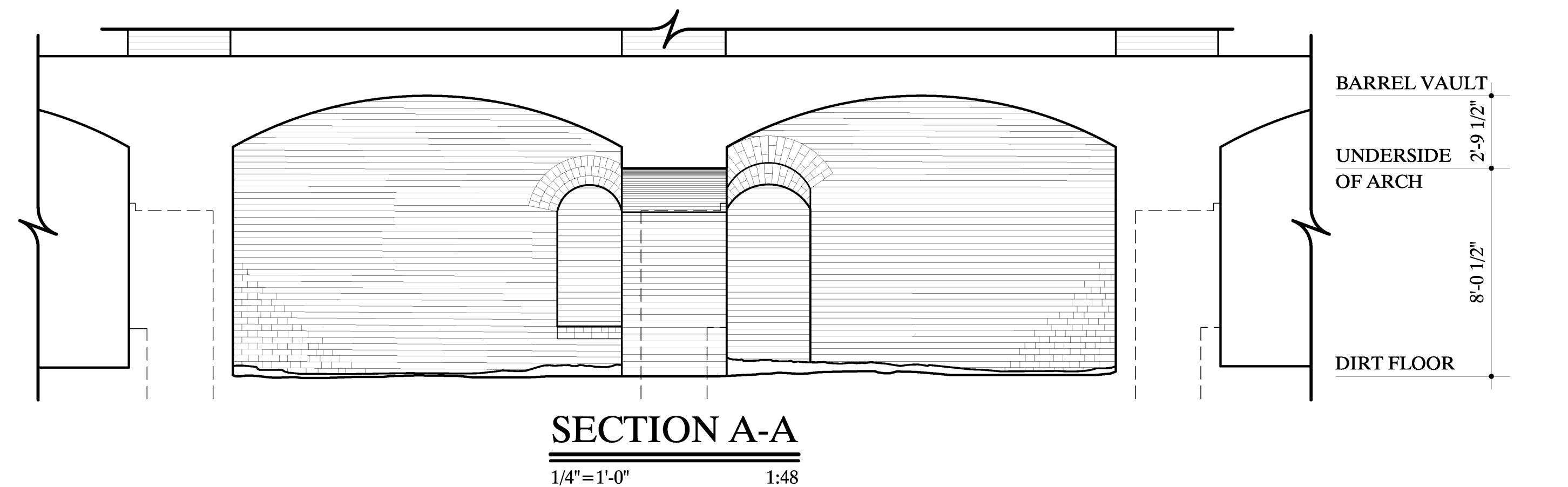
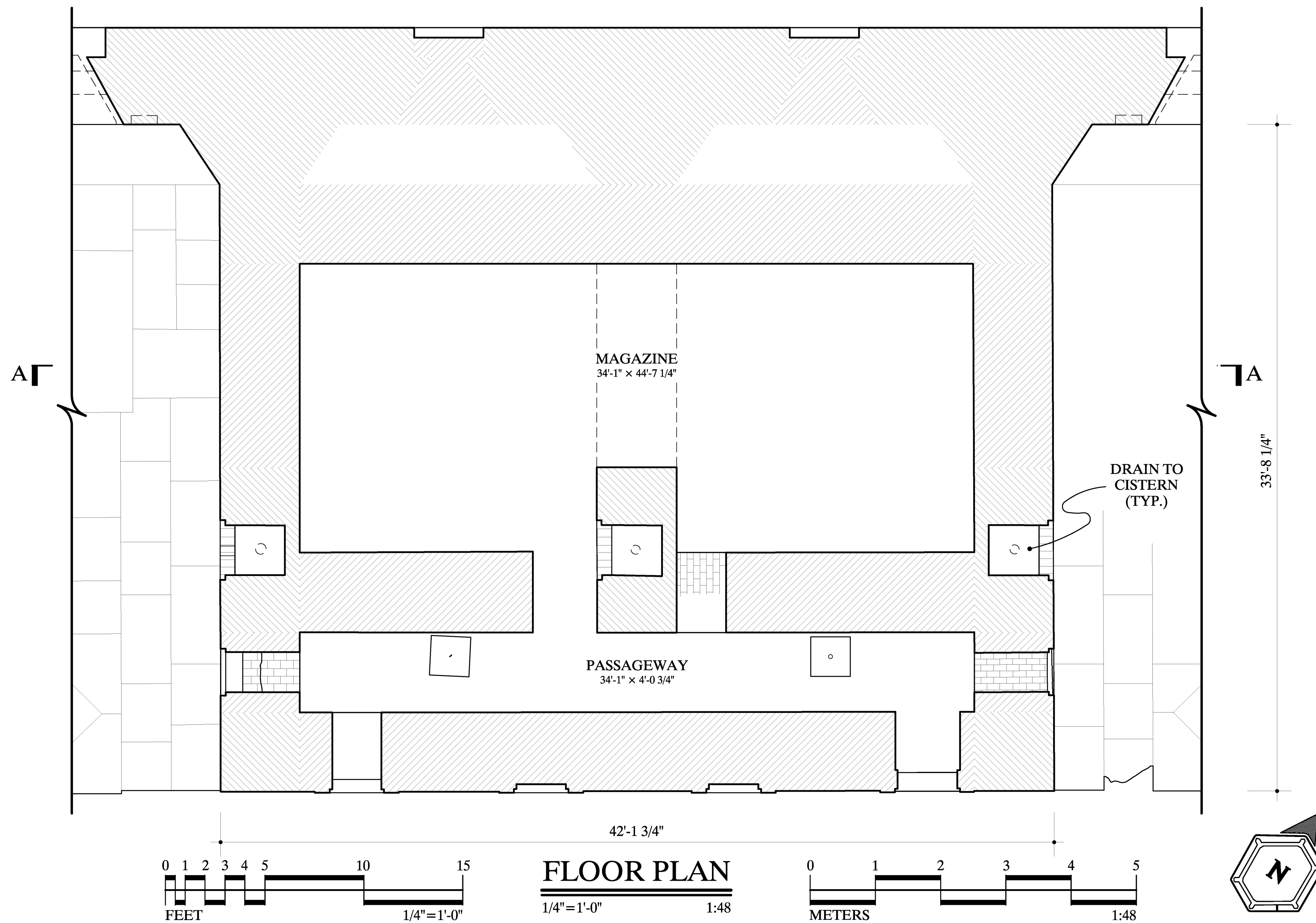
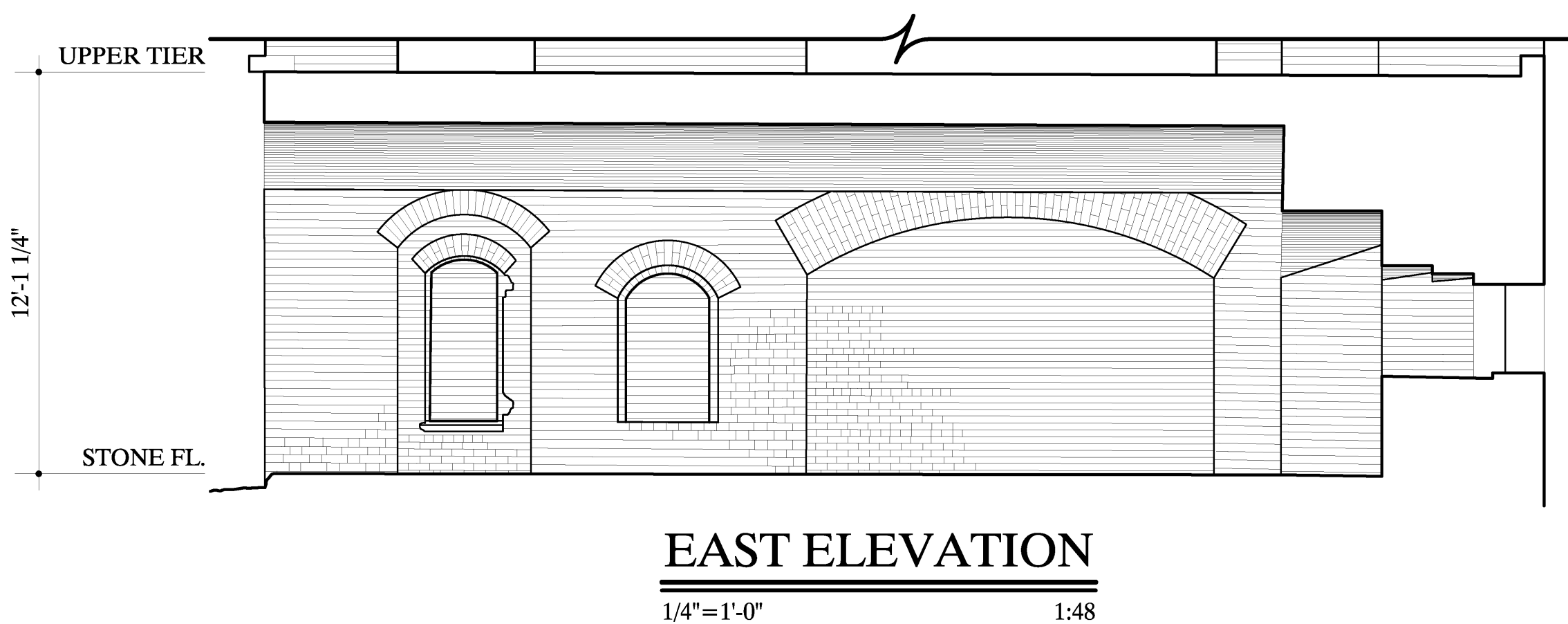
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CURTAIN MAGAZINE FRONT FOUR

As initially designed by Chief Engineer of the U.S. Army General Joseph Totten, Fort Jefferson was to have independent or 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. 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. Throughout 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. In 1872-73 new, larger caliber guns were mounted, necessitating changes to the barbette tier and the strengthening of the four Curtain Magazines. Despite the armament upgrades, advancements in weaponry made Fort Jefferson obsolete, and the military abandoned it in 1876.



Documentation of the Front Four Curtain 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.





FLA 44 - — , 1-1

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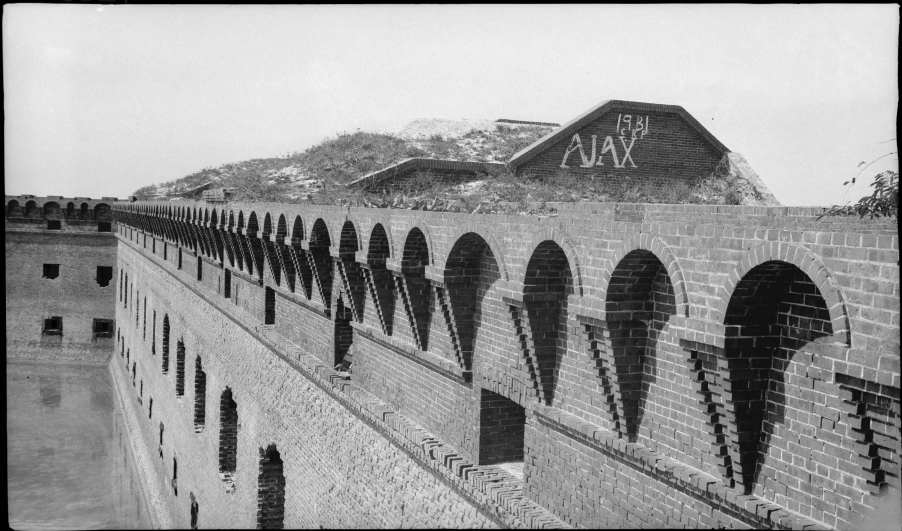
FLA, 44 - — , IC-1

HABS



FLA. 44 - — , 1-3

HABS



1582
FLA, 44 - — . 1-4

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FLA, 44 - — , 1-5

HABS



FLA. 44 - 1-6

HABS

FLA. 44 - 1-2

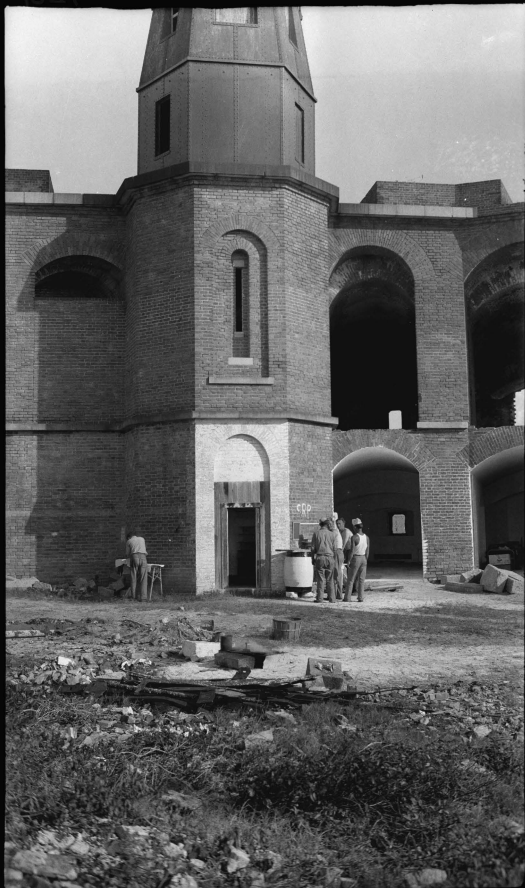
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FLA 44 - 1A-1

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FLA., 44 - — , 1A-2 HABS

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P8-51

FLA., 44 - — , #7 (1-11)

HABS





FLA. 44 - — , 10-1

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8951

FLA., 44 - — , 1E-2 5-13

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FLA, 44 - 1E-1

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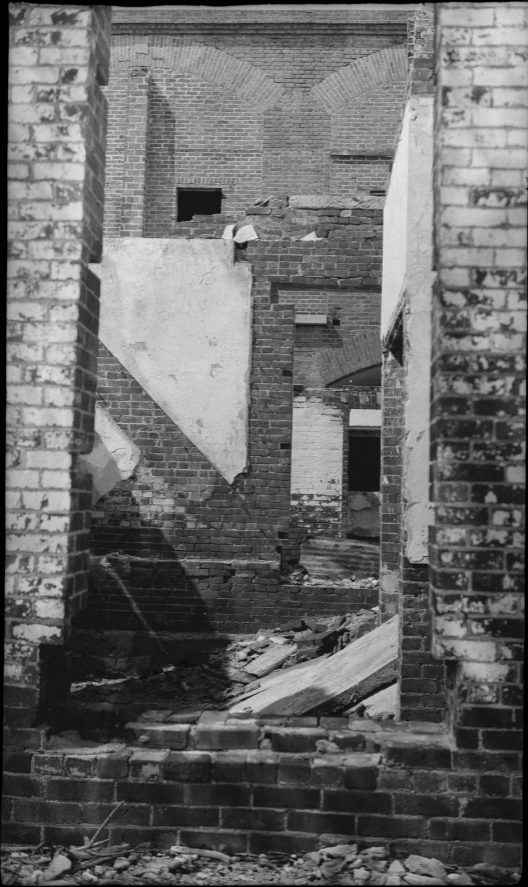




FLA 44 - 1D-2 HABS



FLA. 44 - — , IE-3 1-17 HABS



FLA, 44 - 1D-5

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9

HABS No. FLA-44-21



12

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13

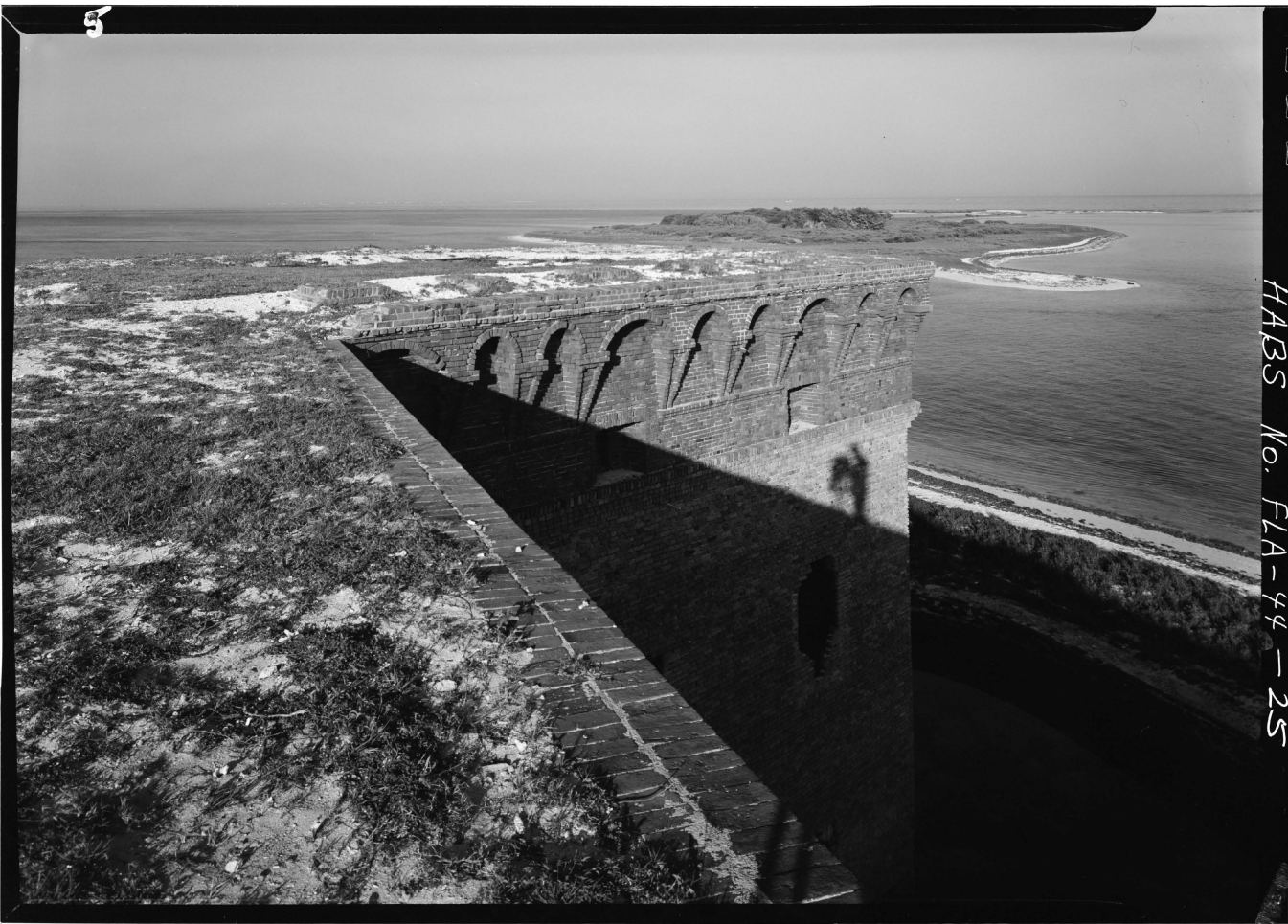


HABS No. FLA-444 - 23

Fort St. Vrain



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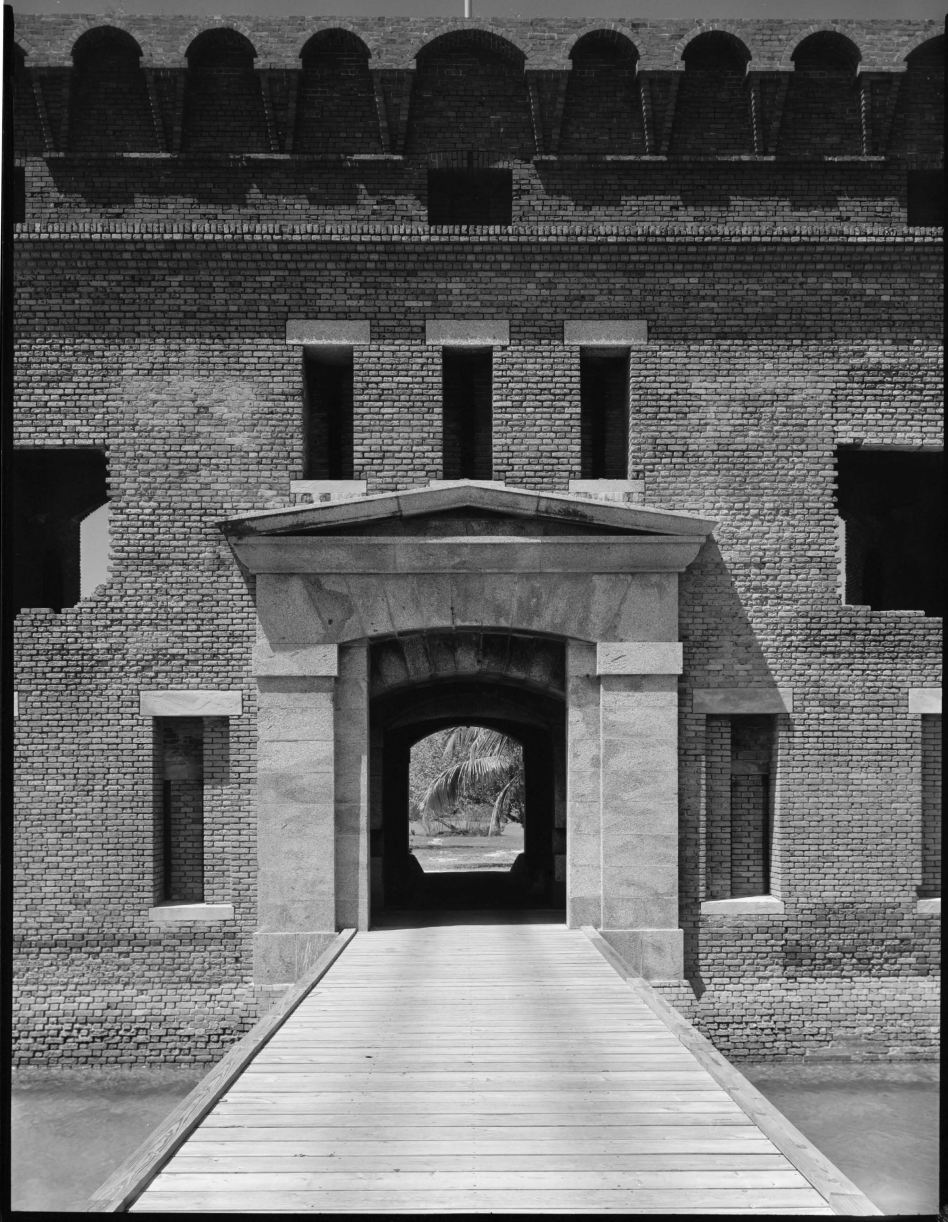
HABS No. FLA-44-25

66 HABS No. FLA-44 - 26



PICNIC AREA
← AND BEACH

14 HABS No. FLA-44-27



17



HABS No. FL-44-28

MONUM
HEADQUA

HABS No. FLA-44-29



6

HABS No. FLA-44-30



16

HABS No. FLA-44-31



8

HABS No. FLA-44 -32

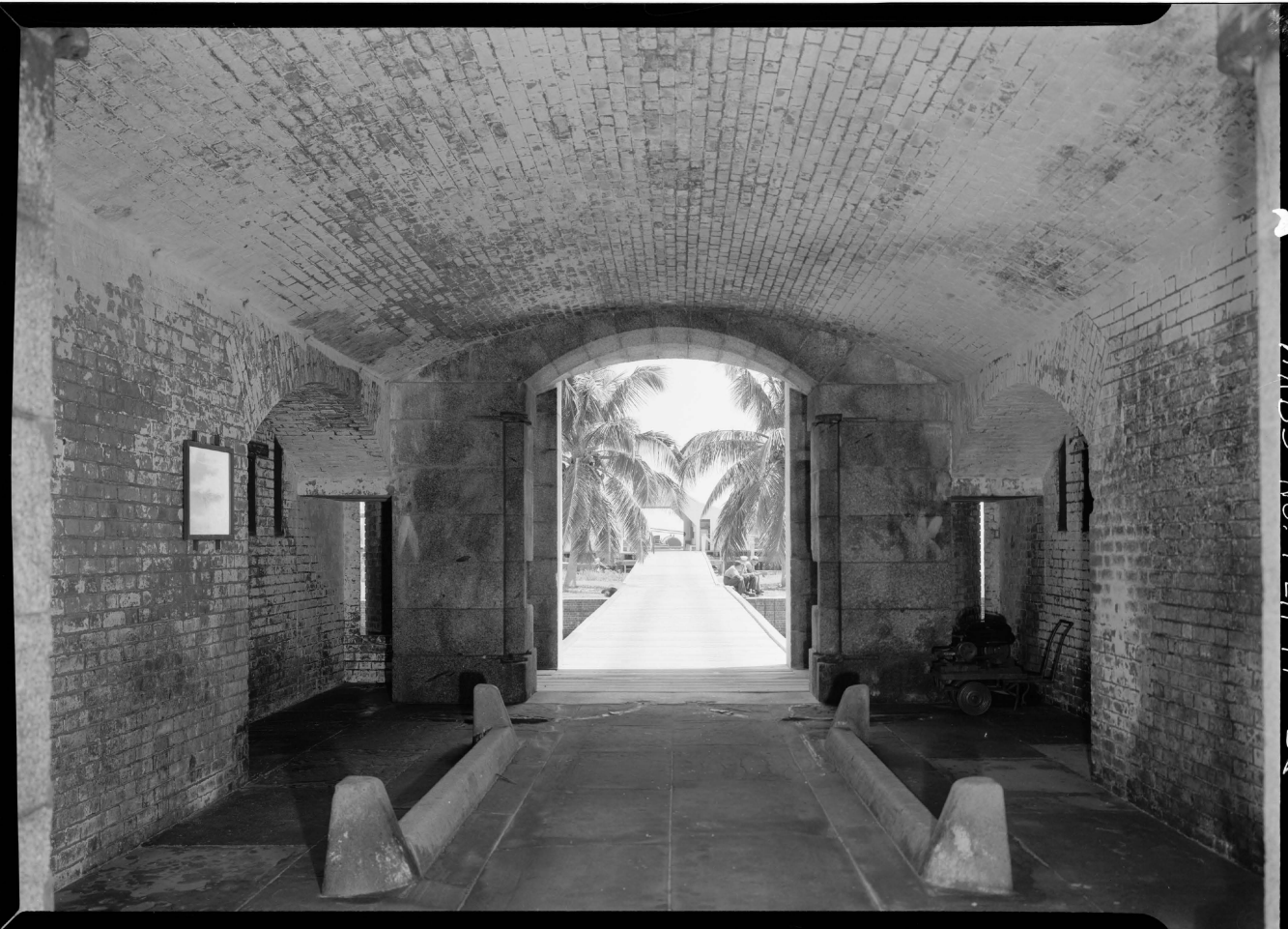


VISITOR ROUTE



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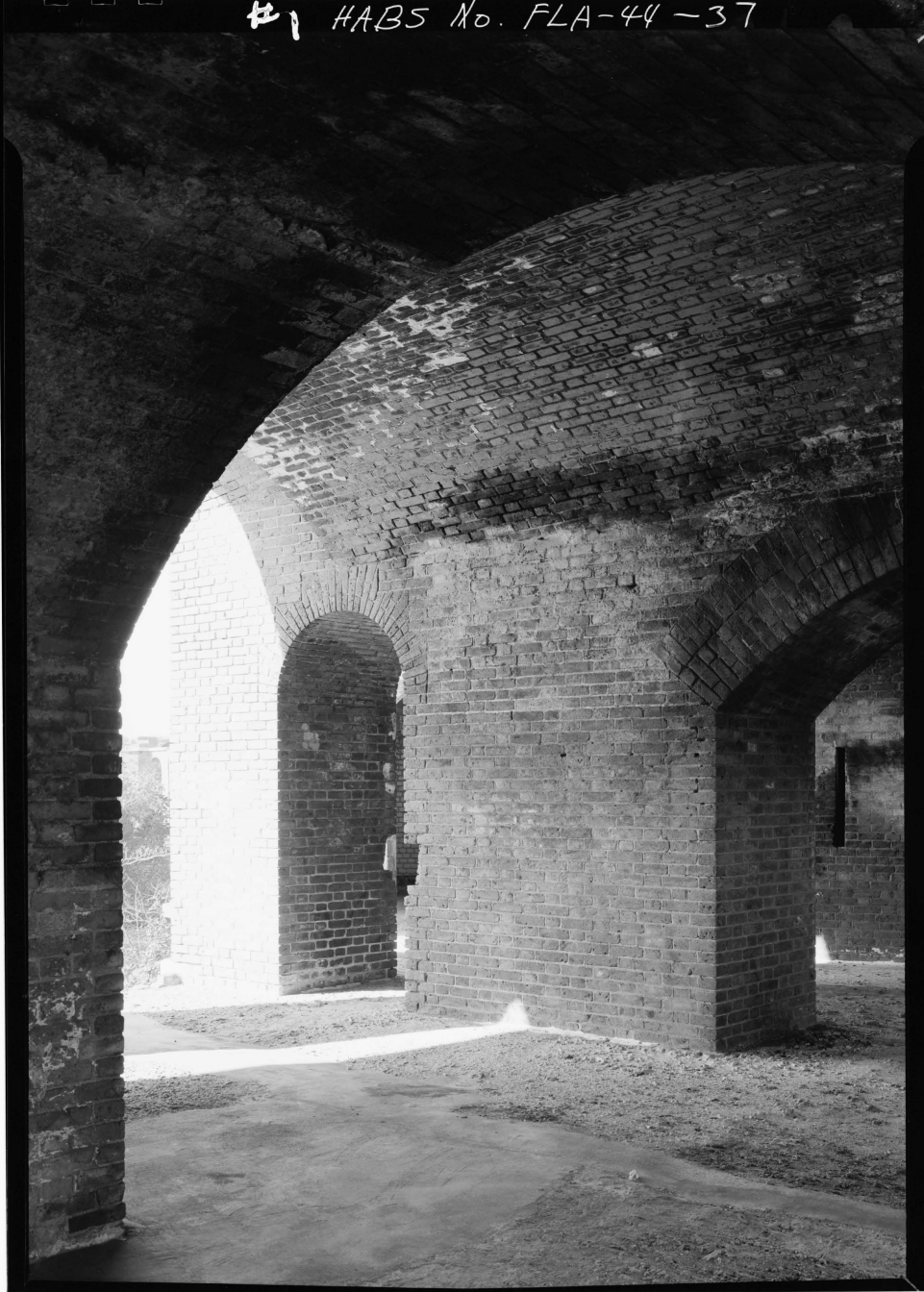
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20

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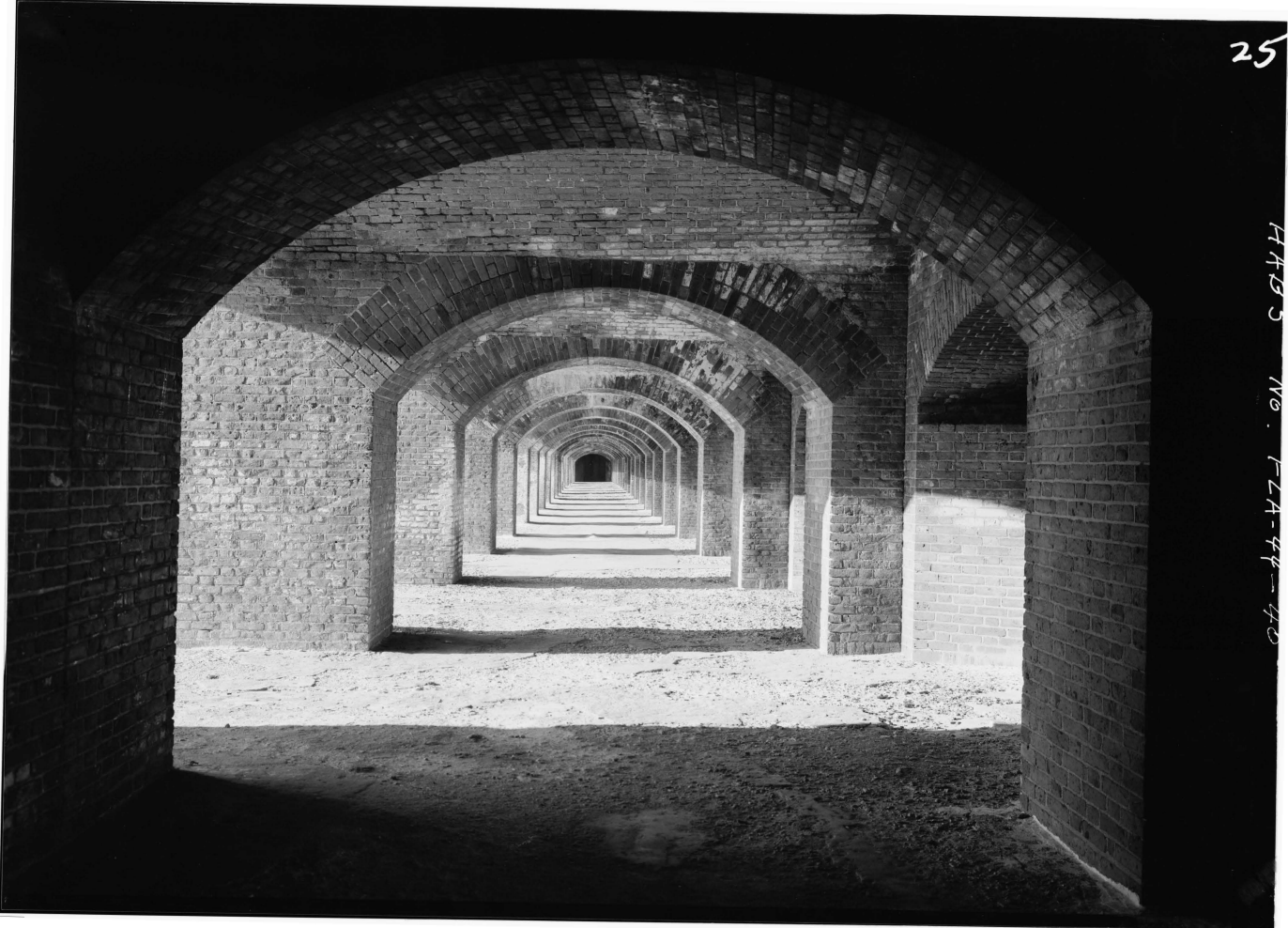
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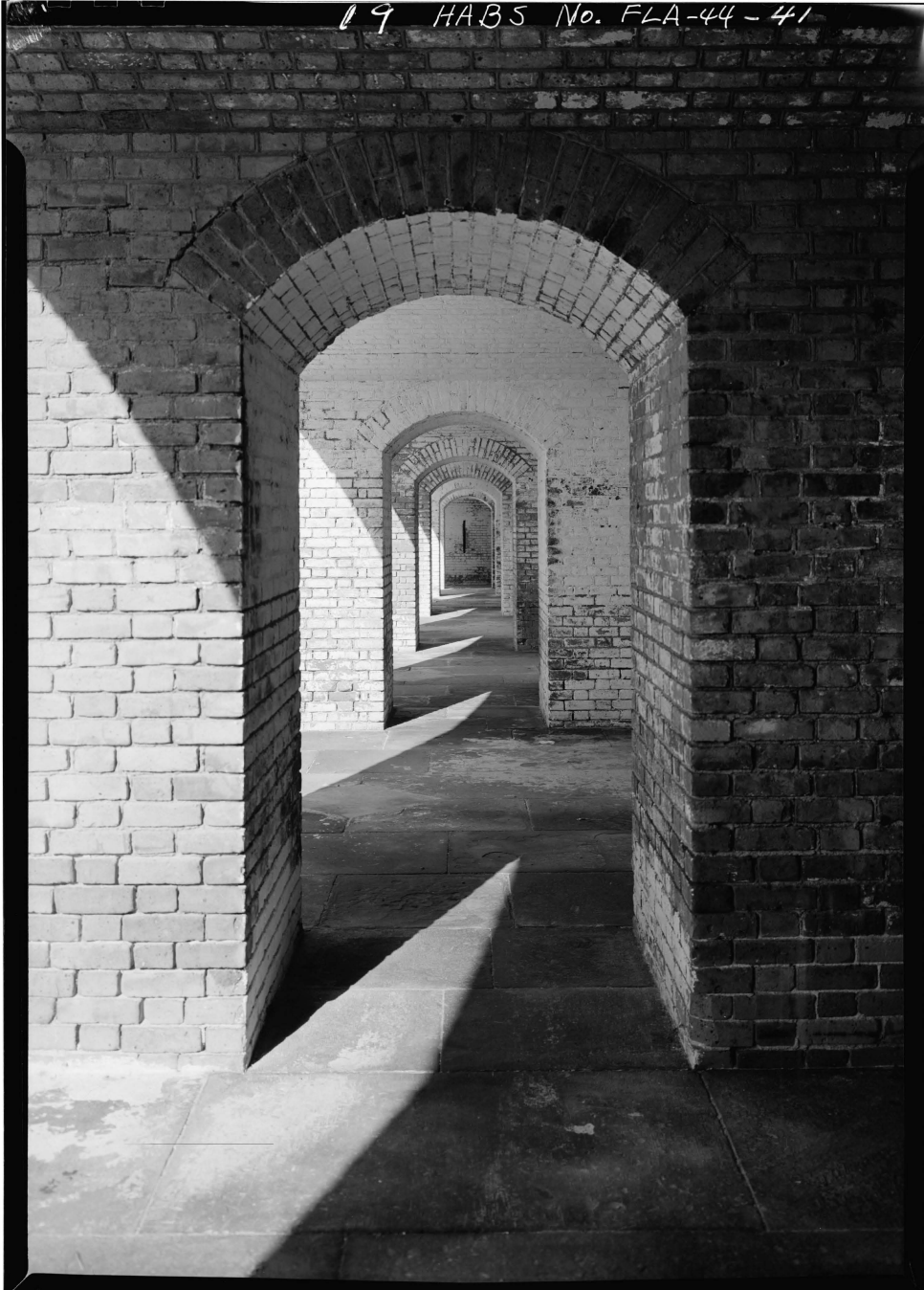


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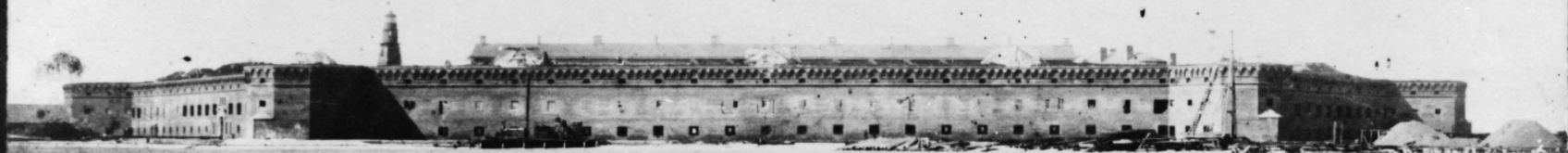
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27
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111



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P. M. 11-11

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