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STORAGE

HISTORIC STRUCTURES REPORT
PART I
Architectural Data Section
ON
WEST HEAD RACE FLUME
Hopewell Village National Historic Site

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United States Department of the Interior, National Park Service
Eastern Office, Design and Construction

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HISTORIC STRUCTURES REPORT

PART I

ON

WEST HEAD RACE FLUME

Hopewell Village National Historic Site

A P P R O V A L S H E E T

RECOMMENDED

Superintendent Date _____

Robert G. Hall

Chief, EODC Date 11-18-63

Regional Director, Northeast Region Date _____

APPROVED

Director Date _____

WEST HEAD RACE FLUME

Hopewell Village National Historic Site

When the water wheel was reconstructed shortly after Hopewell became a National Historic Site, a wood flume was constructed to convey the water from the old west head race to the wheel. While it has served the purpose adequately, the flume has decayed and numerous leaks have developed.

While the existing flume is functional, it was not constructed with the same dimensions and in the same manner as the original. The design of the former flume is known.

C. Sheridan Painter, a local contractor who grew up in Hopewell Village and still lives nearby, provided Hopewell with a dimensioned working drawing of the flume used when the furnace was in operation. This drawing will be used as the basis for the reconstruction of the flume.

Most lumber for the project has been obtained. The actual construction work will be done by the day-labor force under the direction of Charles H. Seidel, a former Building Restoration Specialist who is stationed at Hopewell.

The reconstructed flume will be an authentic restoration, and is designed to function more efficiently than the present flume.