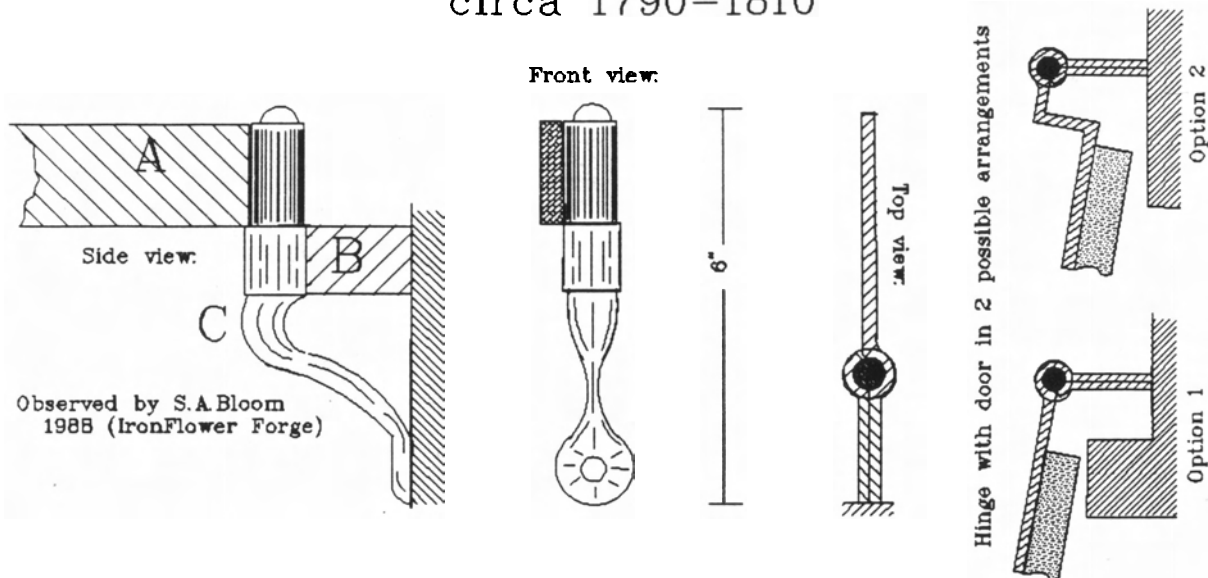


Hinge: Whim GreatHouse, St. Croix, V.I.  
circa 1790-1810



This hinge was seen on the massive front doors of the Whim GreatHouse, a sugarcane plantation dating from the 18th century. The doors are massive and a number of hinges were used to support the weight. The pin is domed above the hinge strap ('A') and is forged into a buttress ('C') which transfers the rotational stress to the supporting wall. The central support ('B') is a strap wrapped around the pin and extends to the wall. The attachment mechanism could not be determined by observation but may have been either a forged lag bolt or an extension that could be extended through the wall and then be clenched.

The door frame protruded from the actual wall (see Option 1) and this design allows the door to be supported by the wall proper while the door is offset forward from that support plane. The same design could be used for a flush door if the hinge was bent to counter the offset due to the buttress (Option 2).

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