Mission Concepcion Dome Stabilization - Project Update - March 17, 2020



View of west elevation, showing exposed masonry at drum (03.04.2020)



Detail of steel tension band during test fit. Underneath band is a lime plaster "isolation layer" to protect historic mortar and masonry (02.25.2020)

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West window at drum, showing area of intact historic Colonial plaster with 19th-century carved graffiti (03.04.2020)



Detail of water damaged mortar and masonry above north window. Hard, dark grey cement (visible at left) from the early 1900s caused moisture to be trapped inside the wall and cause damage. This area has been grouted with mortar and "stitched" with stainless steel rods to strengthen it (03.03.2020)



Detail of intact section of historic Colonial plaster at the cornice. This will be used to help us rebuild the historic cornice profile around the perimeter of the dome. (03.11.2020)



Section of the Dome at the west elevation, after removal of modern roofing materials. This section will receive grout injection and stitching, with stainless steel lath, along the lower 5 feet to help strengthen the stone construction. (03.17.2020)



Removal of loose modern plaster at the drum interior (03.16.2020)



View of interior scaffolding (03.03.2020)