

IOWA STATE CAPITOL DOME PROJECT

January 31, 2019



OPN Architects, Inc. + Simpson Gumpertz & Heger Inc. + Modus Engineering + Shuck-Britson, Inc.

January 2016 Capitol Dome Report

- Address bulk leakage at the observation level
- Address condensation at the lantern level
- Perform repairs to the copper sheet metal:
 - Lantern Level
 - Main Dome Levels
 - Stylobate Roof Level
- Address water leakage at the windows
- Repair masonry on the interior dome and drum
- Point masonry joints
- Remove and replace sealant
- Repair and repaint wood windows
- Resurface delaminated sandstone in situ



- Point masonry joints
- Remove and replace sealant
- Resurface delaminated sandstone in situ



Finial

Lantern Dome

Lantern

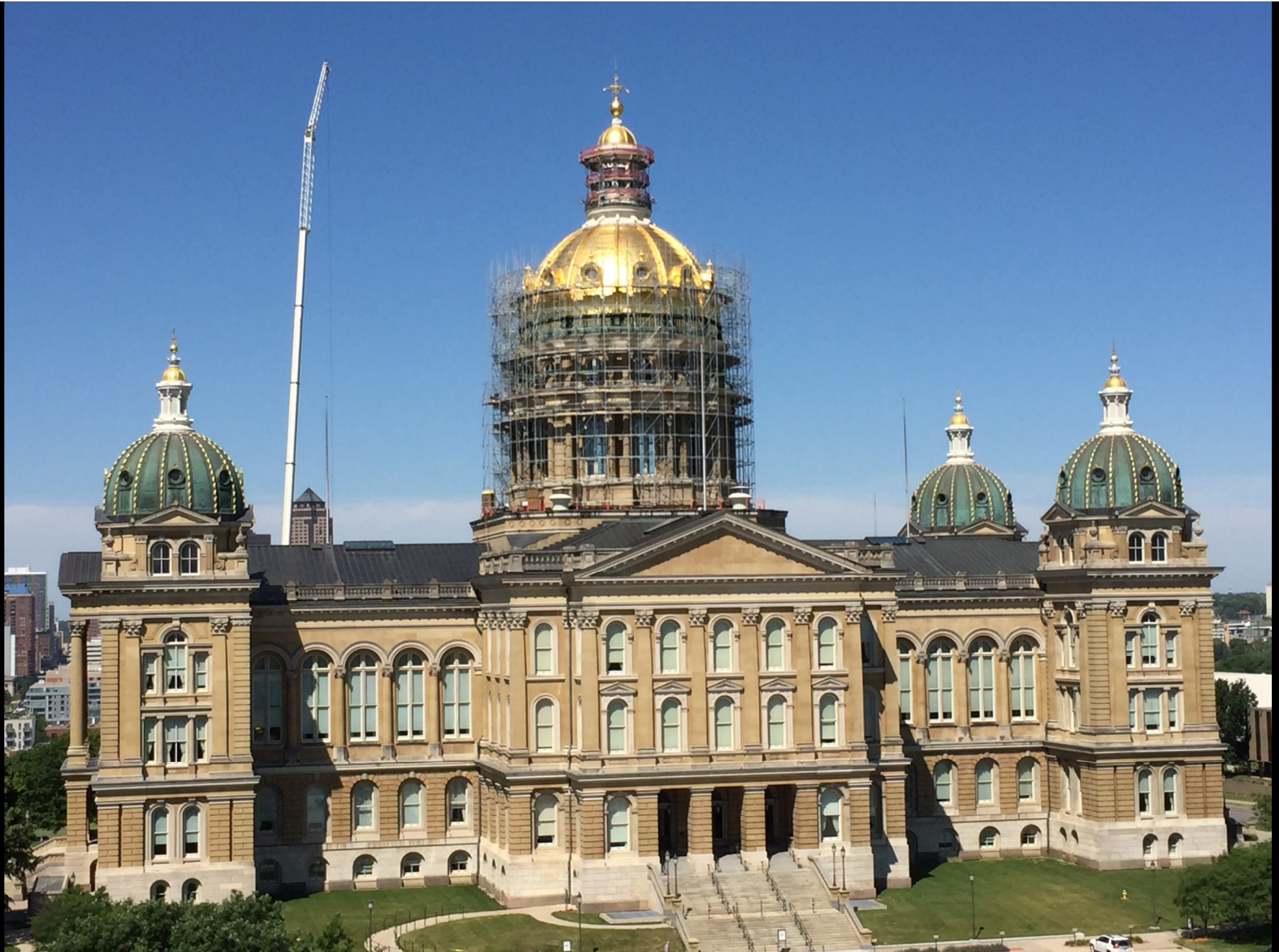
Lantern Attic

Dome

Upper Drum

Drum

Stylobate

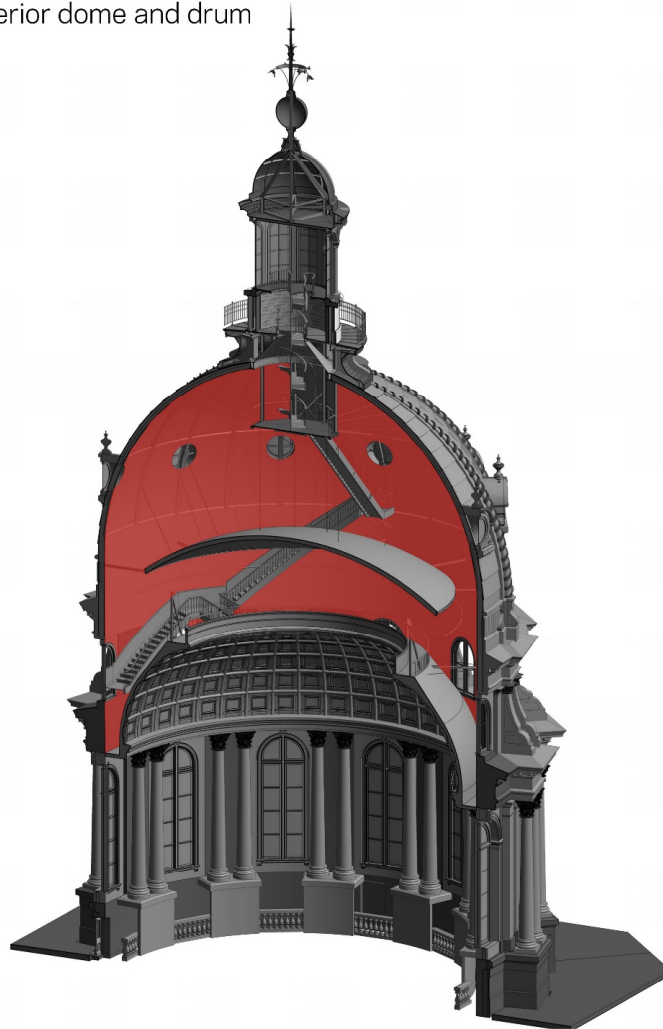








+ Repair masonry on the interior dome and drum



Finial

Lantern Dome

Lantern

Lantern Attic

Dome

Upper Drum

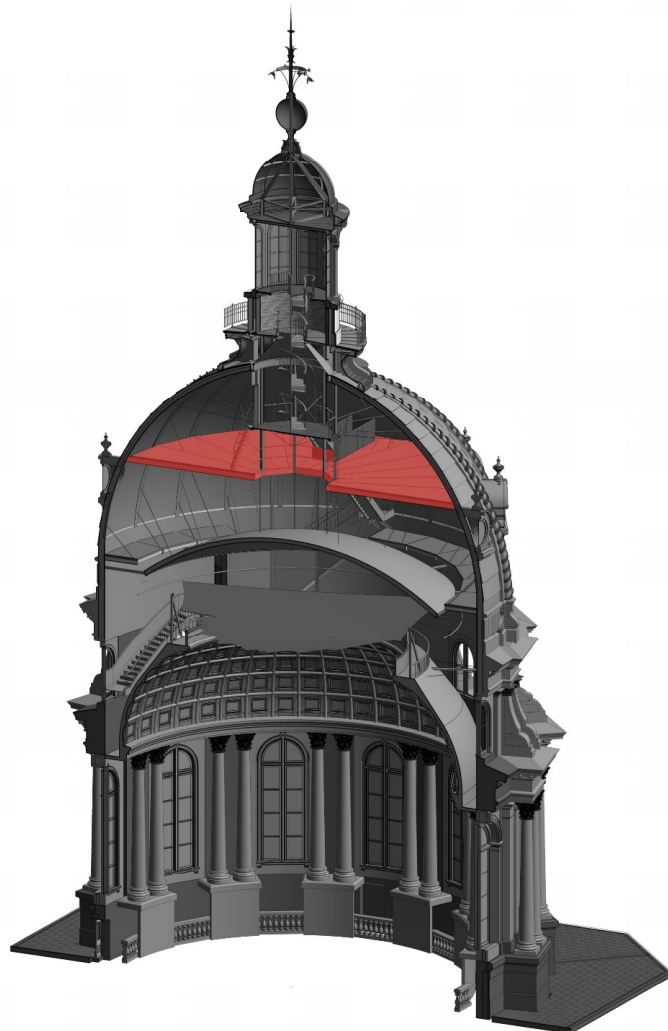
Drum

Stylobate









Finial

Lantern Dome

Lantern

Lantern Attic

Dome

Upper Drum

Drum

Stylobate









