

**PHOTOS OF EMMANUEL BELL TOWER AND STEEPLE STRUCTURE IN NEED OF REPAIR
JANUARY 2021**

All the walls in the bell tower have water damage coming from water infiltrating the steeple exterior. Images of the east and south walls. The steeple is clad in terne metal.



In the 1860's, the options for metal roofs were copper, lead, tin-coated iron, and terne-coated steel. Tin-coated malleable iron was disappearing at the time. Copper and terne rolled roofs were very popular during that vintage--terne more so because it was less expensive.



Left: Looking up into the steeple structure. Above the stone, the structure is entirely made of timber.

Right: Looking down from above the bell. The foot is Rick Kuhn who took many photos inside the steeple



Top left: "Jennie M. Lockwood 1867"
 Top right: "Mayer & Ruppenthal" (foundry)
 Left: St. Louis Mo (location of foundry)
 The bell is cast bronze