

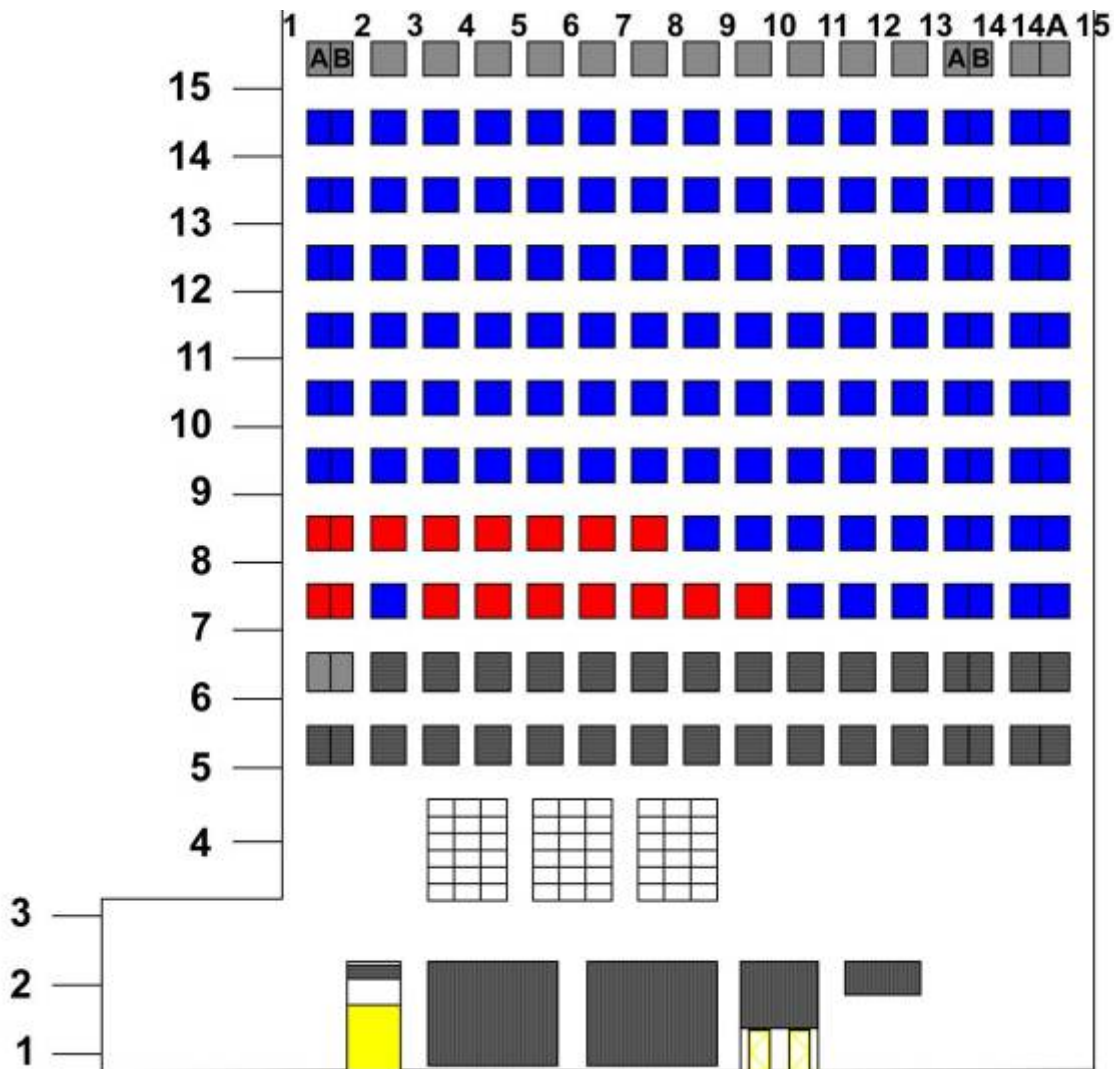


Figure 5-182. Façade map of the west face of WTC 7 showing locations where windows were broken and/or fire was observed during the period when fire first appeared on the face before 2:00 p.m. and the building collapsed at 5:20:52 p.m.

5.7 OBSERVATIONS AND ANALYSIS OF THE WTC 7 COLLAPSE

5.7.1 The Nine Videos

WTC 7 began to collapse at 5:20:52 p.m. The collapse time was defined as the time when the north face of the building first began to move downward. As will be shown, shortly before this time, the east penthouse descended into the roof of the building, with a break along the penthouse roof as it did so. As discussed in Appendix C, there was movement of the building just before the east penthouse began to descend.

The visual database contains 16 videos showing at least a portion of the collapse of WTC 7. Nine of these were selected for more detailed analysis; each of these nine cameras was primarily located to the