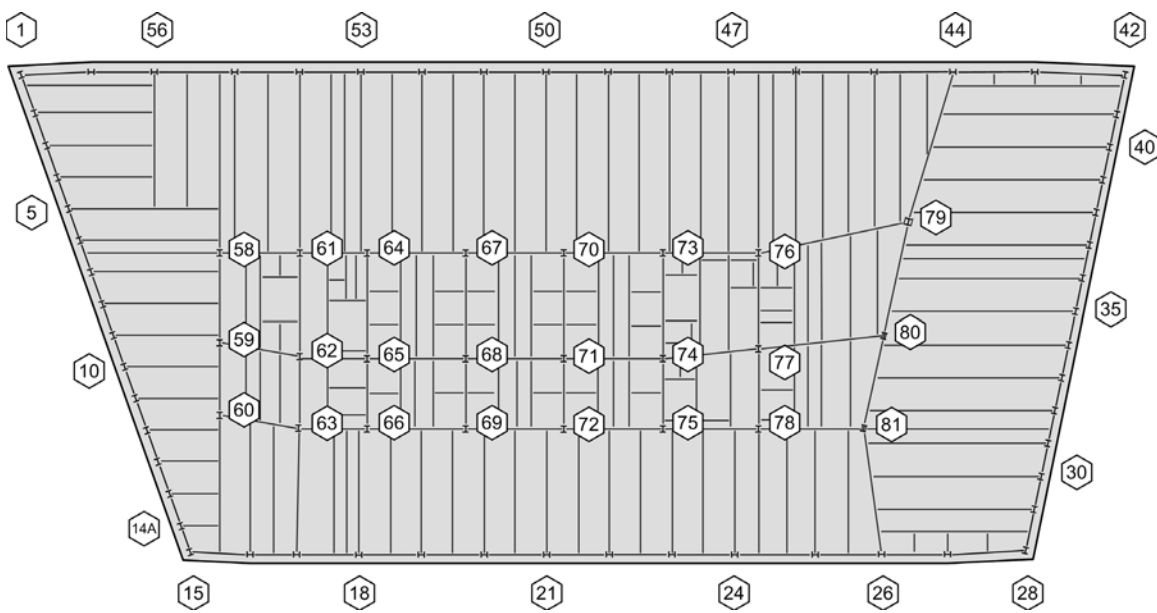
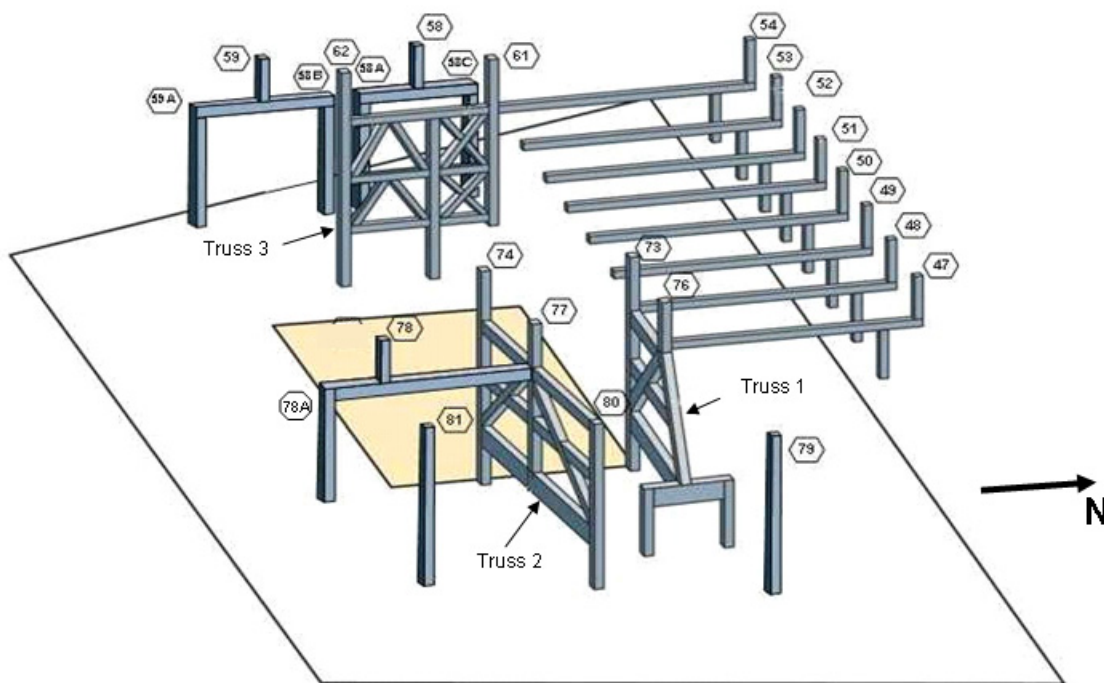




Based on structural drawings (Cantor 1985)

Figure 1-5. Typical WTC 7 floor showing locations of the columns, girders, and beams.



Source: McAllister 2002

Figure 1-6. 3D schematic view of transfer trusses and girders between Floors 5 and 7.

The floor slabs were reinforced concrete of varying thickness. The 1st floor slab was 0.36 m (14 in.) thick. The concrete on almost all of the other floors was poured on top of 76 mm (3 in.) deep corrugated metal decking. Floors 2, 3, 4, and 6 had a 0.15 m (6 in.) total slab thickness; on Floor 5, the concrete was 0.36 m (14 in.) thick; and on Floors 8 through 47, the concrete was 0.14 m (5.5 in.) thick. On Floor 7, the