

9/11 Search for Truth: The World Trade Center (WTC)
Presentation at the Maine Common Ground Fair, 2017 & 2018 — Dick Atlee

http://dickatlee.com/issues/911/cgf/wtc_presentation.html

(Note: this outline represents only the tip of the evidentiary iceberg, and ignores WTC buildings 3, 4, & 5)

- 1. Importance of NYC (vs. Pentagon and Shanksville)**
 - a. Any thought of 9/11 evokes images of the Twin Towers (and Muslim terrorists)
 - b. Vast majority of deaths happened there; emotion-laden thoughts of first-responder deaths
 - c. Collapse of steel-frame high-rises due to fires was unprecedented
 - d. Widely photographed/videoed, offers best opportunity to apply scientific analysis

- 2. Official story**

see **FIGURE 1: WTC building locations**

 - a. 19 Hijackers and planes flying into buildings
 - b. Gravity-driven collapses, due to airplane damage (WTC1&2) and fires (WTC1&2&7)
 - c. Almost no mention of WTC7 after 9/11
 - d. No mention of others (particularly WTC 4&6)
 - e. FEMA report: preliminary, recommended research that was never subsequently done
 - f. NIST reports: many fatal problems indicating fraud, refusal to publish data ("public safety")

- 3. WTC-1-2-7 common characteristics, point to explosives rather than fires**

see **FIGURE 6: AE911Truth Key Cards**

 - a. Rapid straight-down into path of greatest resistance, not falling over toward most damage

see **FIGURE 3: Debris field**

 - b. Pulverization
 1. Almost everything (even flooring) except structural steel & (WTC1&2) aluminum cladding
 2. Energy sink – requires more energy than available from gravity
 - c. Huge rapidly expanding very-hot hot pyroclastic clouds (another energy sink)
 - d. Squibs – rapid debris ejections

see **FIGURE 2: Squibs**

 1. Not "pressurized floor" window blow-outs – no instant interfloor route for pressure/debris
 2. Well below destruction line
 3. WTC1 corner squibs (impossible)
 - e. Heat

see **FIGURE 3: Hot Spots**

 1. Dust contains: iron microspheres (not steel, gathered before cleanup began)
iron's melting point 2800°F, max air-rich office fires 1200°
 2. Red-gray chips ubiquitous in dust
 - a. Aluminum and iron oxide on nanoscale
 - b. Flash at about 400°C to create intense heat, so can't be fireproofing paint
 - c. Produce iron microspheres and white aluminum oxide smoke
 - d. Thermite incendiary: Al + iron oxide -> HEAT + molten iron + Al oxide
 - e. Lawrence Livermore nanothermite article from October 2000
 - f. Structural steel frame – necessary evidence for what happened
 1. Completely dismembered into truckable pieces
 2. Smooth bends of I beams with no distortion (requires intense heat)
 3. Almost all removed to landfills, shipped to China despite wholesale prices at lowest

- 4. Key differences between WTC1&2 and WTC7**
 - a. WTC1&2 exploded: destruction starts at top, debris spread far outside footprint
 - b. WTC7 controlled demolition: destruction starts at bottom, debris localized in footprint

- 5. WTC7 -- standard controlled demolition**
 - a. Background

see **FIGURE 1: Structure**

1. 47-story, core & perimeter columns, columns/girders/floor-beams
 2. Secure: held many government agencies: CIA, FBI, SEC, NYC's EOC
 3. Fell late in day (5:20pm) after several premature collapse assertions in news
 4. Large explosions in early morning and just before collapse
 5. Larry Silverstein's "pull" comment, *not* (as claimed) about removing firefighters
- b. NIST Report – problems
1. Quick description of NIST explanation:
fire -> beam thermal expansion -> push girder off column 79 -> column collapses

see FIGURE 4: WTC7 Descent vs. NIST

2. "Progressive collapse" twisted-beer-can diagram bears no relation to videos
 3. 2.5sec/8-floor freefall covered up by NIST, denied, then admitted but not acknowledged
 4. Claim of heat-induced beam expansion found to be fraudulent
 - a. False and changing "clerical error" measurements
 - b. Omitted from model: shear studs lock beams to flooring (prevent expansion)
 - c. Omitted from model: girder support flanges at column (prevent girder falling)
 - d. Fire had gone out in alleged key area long before collapse
- c. AE911Truth-sponsored complete technical re-analysis concludes fire couldn't have done it — preliminary report: <https://www.youtube.com/watch?v=RYV33LKDY8k> (9/6/17)

6. WTC1&2 -- exploded, not collapsed (non-standard demolition)

a. Background

see FIGURE 1: Structure

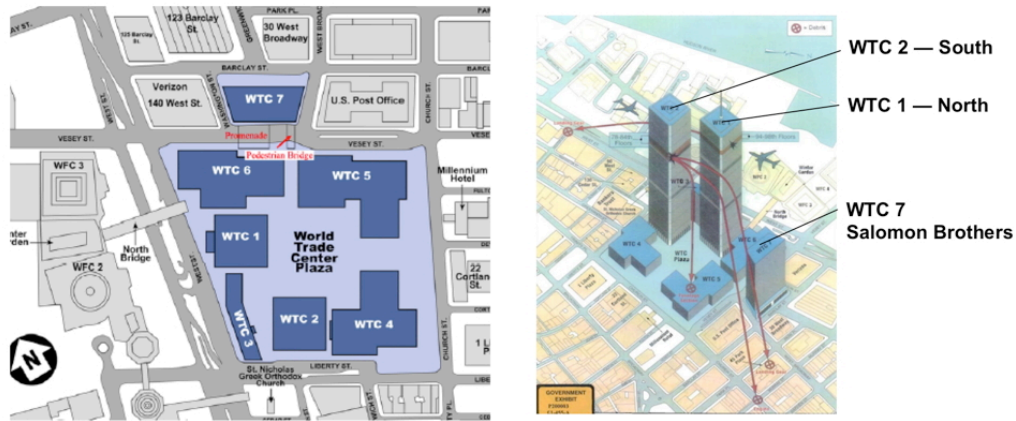
1. Core & perimeter columns, floor trusses connect core to perimeter
 2. Structure designed to withstand 707 airliner, like poking pencil through a screen
 3. Silverstein's contract signed a couple of months earlier on these money-losing asbestos traps, with terrorist insurance coverage
- b. NIST explanation
1. Planes damaged the core and the fireproofing
 2. Fires softened trusses, sagged, pulled in perimeter wall, wrecked strength
 3. Pile driver: top section (WTC1 ~10 floors, WTC2 ~20 floors) crushed floors below
- c. NIST Report – two major problems
1. Model failed to produce collapse until parameters were exaggerated beyond reality
 2. Stopped analysis just before collapse initiation: no explanation of the actual "collapse"
- d. NIST Report – inconsistencies with reality (these are only a few of *many*)
1. Massive explosions in lower part of building, even before plane impact
 2. Alleged core damage -- no direct evidence (sent to China)
 3. Alleged floor-truss sagging
 - a. Acknowledged that no steel temps above 600°C, necessary for softening
 - b. Fireproof rating of 2 hours, fireproofing-damage tests done with a shotgun
 - c. Floor truss sagging vastly exaggerated, would have required massive external force
 4. Alleged pile driver -- no block of floors appears riding the demolition wave
 - a. WTC1: no jolt, engineering calculations show descent stopping after 1-2 floor impacts
 - b. WTC2 tilted top stops tilting, vanishes in dust, not on ground afterwards
- see FIGURE 5: WTC2 block tilts, tips, stops, disappears**
- e. Large pieces of non-spring structural steel thrown up to 200 yards at up to 100 mph
- f. No large pile of pancaked corrugated floor pans left at bottom
- g. People
- a. Bone fragments on adjacent rooftops, not trapped in debris
 - b. 1200 people unaccounted for (DNA missing), as if vaporized

7. Implication — Muslim terrorists couldn't have done this -> War on Terror based on fraud

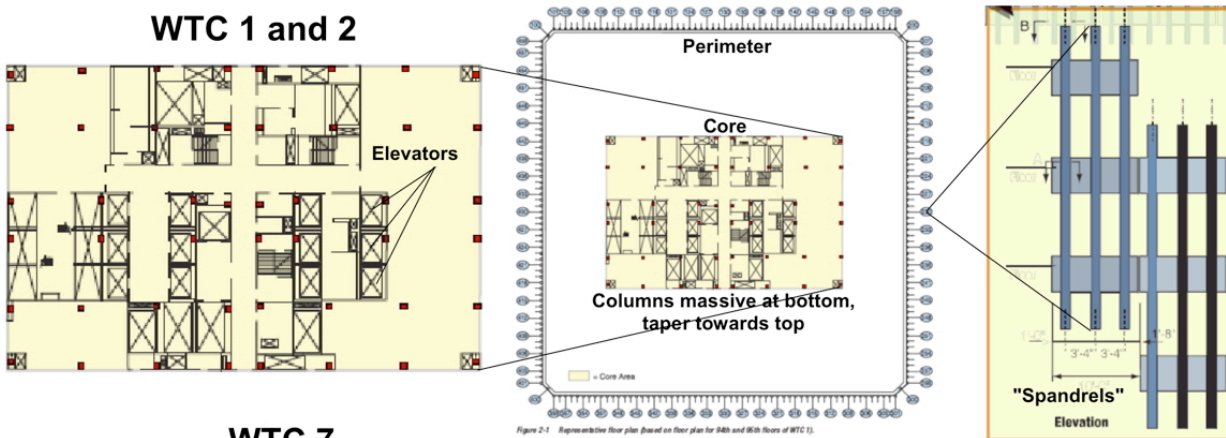
- a. Preparation required many weeks, with high-security access
- b. Major elevator maintenance and a weekend-long power/security outage

Note: These figures were used because there was no electrical supply to support audio-visual capability

Figure 1: WTC Layout and Structure



WTC 1 and 2



WTC 7

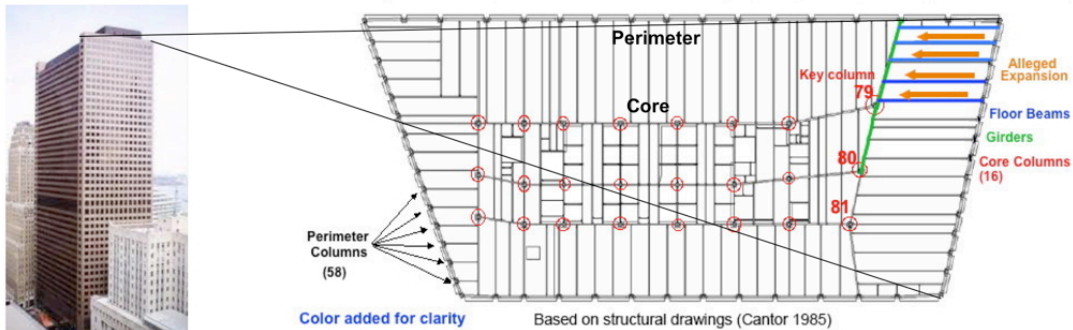
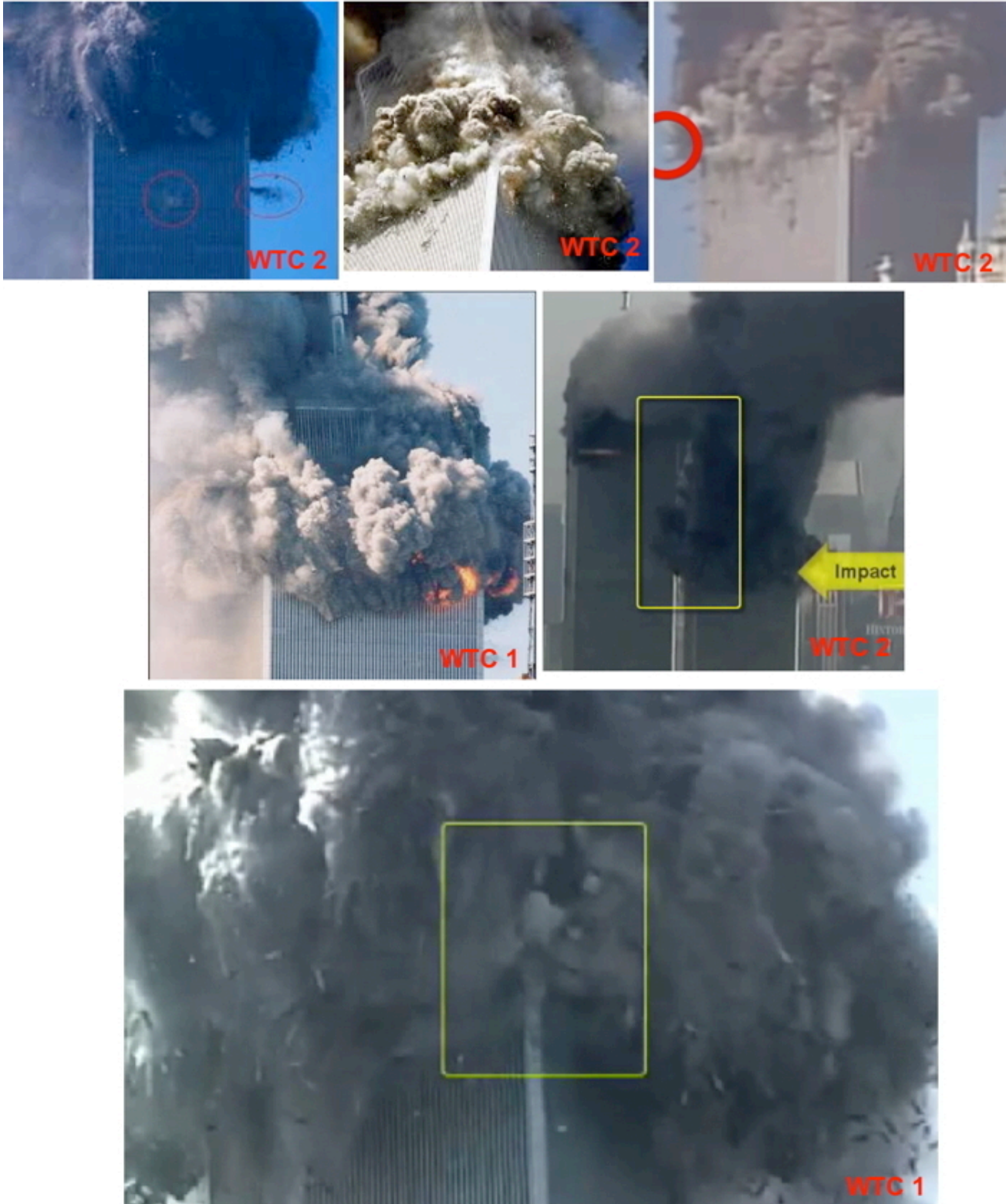


Figure 3-22. Model and drawing comparison of typical tenant floor structural framing, drawing and model of Floors 8 through 20 and 24 through 45)

Notes:

- The first pair of images indicate the relative positions and sizes of the seven WTC buildings.
- The Twin Towers and Building 7 were both based on a very heavy, solid set of core columns connected to peripheral columns by floor-supporting members.
- In the Twin Towers, the peripheral columns consisted of alternating 30-foot 3-piece powerful steel units that created a mesh like a screen, with no fault running continuously along any one floor. The connection to the core was via zig-zag floor trusses which allegedly sagged, despite their fire-proofing.
- WTC 7's core was connected to the periphery by I-beams (blue, above), which allegedly expanded, pushing their girder (green) to the left and off its seat on the column it was supporting – column 79.
- The main problems with this were (a) the absence of a source of expansion-generating heat, (b) the omission of shear studs on the beams and girder which would have prohibited expansion/shifting, and (c) the omission of the steel plates whose purpose was specifically to prevent a girder's shift off its seat.

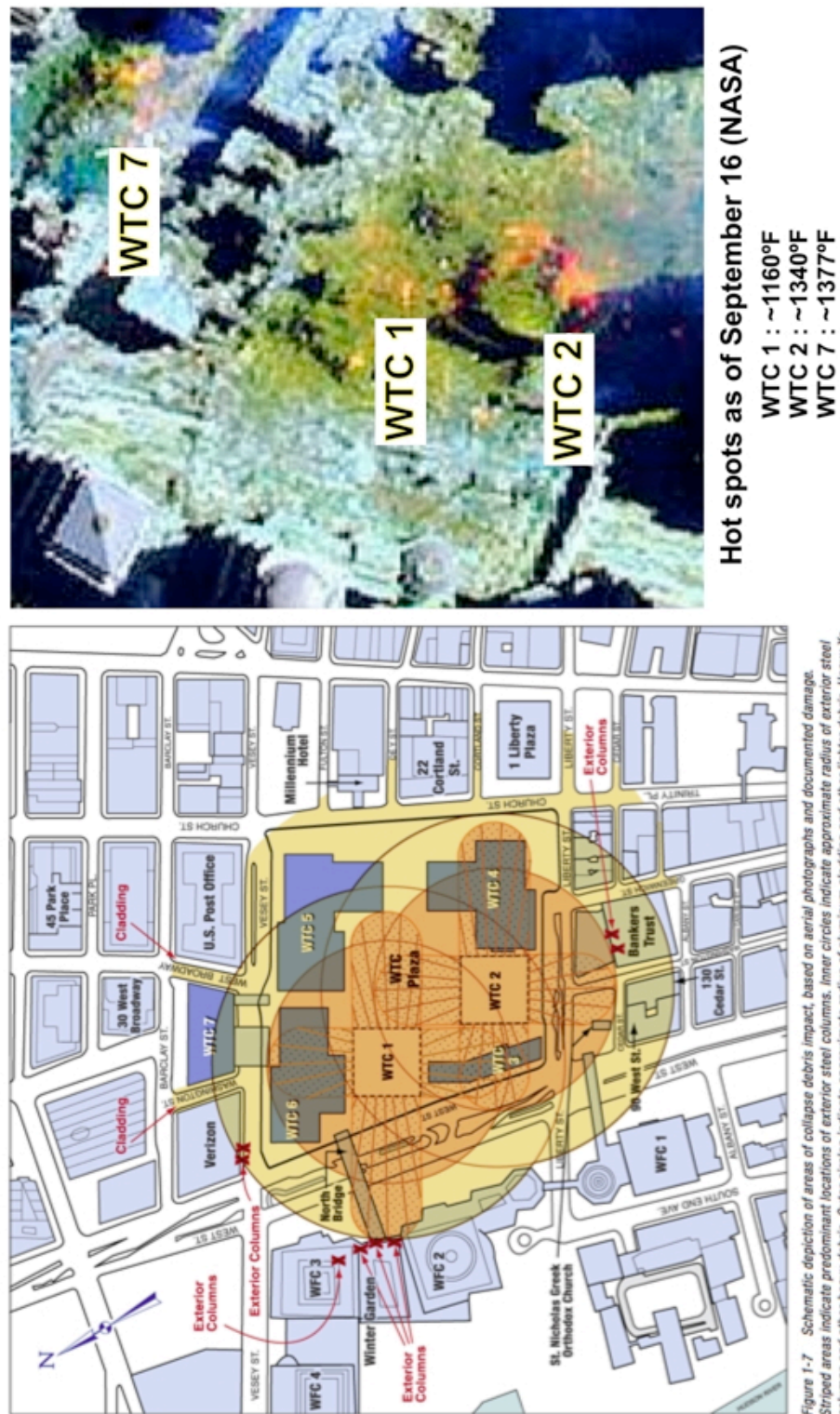
Figure 2: Squibs



Notes:

- Note the belt of squibs as WTC 2 starts to go down, and the squibs that appear as much as 30 floors below, far too great a distance for instant transmission of dust and pressure through sealed elevator shafts and narrow heating/air-conditioning conduits.
- Of key interest is the white squib coming directly out of the solid steel (non-window) corner of WTC 1. It is one of many successive ones that can be seen in David Chandler's video of the North Tower exploding. Nothing about a gravity-driven collapse can explain that.

Figure 3: Debris Field and High Temperatures



Notes:

- The debris field for WTC 1 & 2 is largely outside the footprint of the building, the opposite of what would be expected from a gravity-driven collapse. There are large pieces of structural steel up to 200 yards from their source, some stuck into the sides of buildings like a knife in cheese. Ejection speeds up to 100 mph can be calculated. All of this points to an explosive demolition.
- Note the extension of the debris field to the East due to the tilt of WTC 2's top section.
- WTC 7's debris field (not shown here), on the other hand, is almost completely contained in the building's footprint, indicating a more traditional controlled demolition started from the bottom.

Figure 4: WTC7 Actual Descent vs NIST's Crushed Beer Can



Notes:

- These stills from videos taken from the North and Northwest show the top of the building descending intact, almost as if it were being sucked into the ground. The only visible deformations are a single vertical crease in the North wall that develops just as descent commences, and a tilt to the Southwest as the building is disappearing from sight (better visible in other videos).
- NIST's model, on the other hand, shows a process that looks more like twisting and crushing a beer can. NIST only pursued the process for the first couple of seconds. You have to wonder how expert scientists can present this obvious divergence from reality with a straight face.

**Figure 5: WTC2 Top Tips, Tilts, Stops . . .
and Disappears**



Notes:

- Angular momentum – once an object starts rotating, it will continue to rotate unless an external force acts on it.
- Here, the top section – the alleged "pile driver" – starts to rotate, but then inexplicably stops rotating and appears to descend, or at least its roofline descends.
- But note that the visible undestroyed corner of the lower section of the building stays in approximately the same position during this "descent." This means that the "pile driver" is not descending and crushing the section below, but is actually being destroyed in midair.
- This conclusion is supported by the absence of large pieces of the top section in the debris pile. There's just a wider distribution of deconstructed debris on that side of the building's footprint (see Figure 3).

Figure 6: AE911Truth "Key" Cards

<http://www.shop.ae911truth.org/Cards-Key-Map-Card-10-PACK-CRD-KEYMAP-10-PP.htm>

Explosive Demolition Hypothesis

- 1 **SUDDEN ONSET** of Destruction Near Base of Structure
- 2 **STRAIGHT-DOWN**, Symmetrical Collapse into Bldg Footprint
- 3 **PATTERNED REMOVAL** of Column Supports
- 4 **FREE-FALL ACCELERATION** thru Path of Greatest Resistance
- 5 **TOTAL DISMEMBERMENT** of Structural Steel Frame
- 6 Limited Damage to Adjacent Structures
- 7 **SOUNDS OF EXPLOSIONS** Heard by Credible Witnesses
- 8 **PYROCLASTIC-LIKE CLOUDS** of Pulverized Concrete
- 9 Pools of **MOLTEN STEEL / IRON** Seen by Witnesses
- 10 Evidence of **THERMITE INCENDIARIES** in Steel Samples

WTC Building 7



EXPLOSIVES HYPOTHESIS
Features of the destruction of WTC Building 7 match an explosive demolition – not a building collapse

Direct Evidence of Explosive Destruction

NO Characteristics of Destruction by Fire

FIRE HYPOTHESIS
Fire may cause less solid structures to collapse asymmetrically and with gradual deformations following the path of least resistance. But steel skyscrapers have never collapsed because of fire. Additionally, there's overwhelming evidence of explosives.

Proof of Controlled Demolition
Beyond a Reasonable Doubt

- Data from FEMA & NIST Reports
- Testimony of First Responders
- Whistle Blowers
- Expert Corroboration
- Foreknowledge of Destruction
- Video Evidence


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Explosive Demolition Hypothesis

- 1 **SUDDEN ONSET** of Destruction at Location of Jet Impacts
- 2 **STRAIGHT-DOWN**, Symmetrical Progression Outside Footprint
- 3 200 fps **EJECTIONS** of Bldg Mat's **AT LOWER FLOORS**
- 4 2/3 **FREE FALL ACCELERATION** thru Path of **Greatest Resistance**
- 5 Near **TOTAL DESTRUCTION** of Structural Steel Frame
- 6 **LATERAL EJECTION** of Structural Steel up to 600 feet at 60 mph
- 7 Patterned Sounds of **EXPLOSIONS AND FLASHES** of light
- 8 Enormous Pyroclastic-like Clouds of **PULVERIZED CONCRETE**
- 9 Pools of **MOLTEN IRON & IRON MICROSPHERES** in WTC Dust
- 10 Nano-thermite Composite **EXPLOSIVES** found in WTC Dust

WTC Twin Towers



EXPLOSIVES HYPOTHESIS
Features of the destruction of the Twin Towers match an explosive demolition - not a building collapse

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Notes:

- This back-to-back card, passed out with this presentation, shows the ten observed characteristics of the "collapses" of the three buildings, and how **all** of these are consistent with explosive destruction, and **none** are consistent with a fire-induced gravity-driven collapse.